

**The Appendix is an integral part of
Certificate of Accreditation No.: 256/2022 of 30/05/2022**

Accredited entity according to ČSN EN ISO 17025:2018:

Institut pro testování a certifikaci, a.s.
Testing Laboratory
třída Tomáše Bati 299, Louky, 763 02 Zlín

Workplace:

1. **Central Laboratories** třída Tomáše Bati 299, Louky, 763 02 Zlín
2. **Physics and Mechanics Laboratory** třída Tomáše Bati 5264, 760 01 Zlín
3. **Analytical and Mechanics Laboratory** U Tescomy 241, 760 01 Zlín

The laboratory has a flexible scope of accreditation permitted as detailed in the Annex.

Updated list of activities carried out within the required flexible scope of accreditation is available on the laboratory website www.itczlin.cz.

The Laboratory provides expert opinions and interprets test results.

1. Central Laboratories

Tests:

| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|--|--|---|
| PHYSICAL TESTS | | | |
| F 2 | Viscosity characteristics | | |
| F 2.1 | Determination of viscosity number and viscosity of liquids | ČSN EN ISO 1628-1 ČSN EN ISO 1628-2 ISO 1628-4 ČSN EN ISO 1628-5 ČSN EN ISO 307 ČSN EN ISO 3104 | Liquids, polymer solutions, petroleum products |
| F 2.2 | Determination of intrinsic viscosity | ASTM D 4603 | Polymer solutions |
| F 2.3 | Determination of dynamic viscosity by Hoesppler's rheoviscosimeter | ČSN 64 0349 | Solutions, dispersions, liquids, paints and varnishes |
| F 8 | Flammability of materials and products | | |
| F 8.1 | Determination of burning rate | ČSN EN 71-2, art. 5 ASTM F963-16, Annex A5 | Toys |
| F 8.2 | Measurement of flame spread of vertically oriented textile samples | ČSN EN ISO 6941 ČSN EN 1102 ČSN EN 1103 | Textile |
| | | ČSN EN ISO 15025 | PPE – protective clothing |
| | | ČSN EN 407 ed 2, art. 6.2 ISO 15383, art. 5.4.1, 6.2.1 | PPE – protective gloves |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|--|--|--|---|
| F 8.3 | Test ignitability of vertically oriented textile samples | ČSN EN 1101 ČSN EN ISO 6940 | Textiles, veiling, draperies |
| F 8.4 | Determination of flame resistance | ČSN EN 15090:2012, art. 7.3 | PPE – footwear for firefighters |
| F 8.14 | Determination of burning rate | ČSN ISO 3795 DIN 75200 TL 1010 FMVSS 302 (49 CFR PART 571) | Materials used in car interiors |
| P 8 | Testing of products and systems for children | | |
| P 8.3 | Testing of activity toys - Stability - Determination of static strength - Determination of dynamic strength - Test of gripping - Olivet test - Slide test - Diameter of ropes and chains for swings - Determination of shock by rocker elements - Paddling test | ČSN EN 71-8 art. 6.2 art. 6.3 art. 6.4 art. 6.5 art. 6.6 art. 6.7 art. 6.8 art. 6.9 art. 6.10 | Activity toys |
| TESTING OF TEXTILE MATERIALS AND PRODUCTS | | | |
| T 1 | Colour stability tests | | |
| T 1.1 | Determination of colour fastness to washing | ČSN EN ISO 105-C06 | All textile fabrics |
| T 1.2 | Determination of colour fastness to ironing | ČSN EN ISO 105-X11 | All textile fabrics |
| T 1.3 | Determination of colour fastness to rubbing | ČSN EN ISO 105-X12 PV 3906 | All textile fabrics, non-metallic materials |
| T 1.4 | Determination of colour fastness to water | ČSN EN ISO 105-E01 | All textile fabrics |
| T 1.5 | Determination of colour fastness to sea water | ČSN EN ISO 105-E02 | All textile fabrics |
| T 1.6 | Determination of colour fastness to water drops | ČSN EN ISO 105-E07 | All textile fabrics |

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|-----------------------------|---|--|---------------------------|
| T 1.7 | Determination of colour fastness to washing with a soap or a soap and soda | ČSN EN ISO 105-C10 | All textile fabrics |
| T 1.8 | Reserved | | |
| T 1.9 | Determination of colour fastness to rubbing in presence of organic solvents | ČSN EN ISO 105-D02 | All textile fabrics |
| T 1.10 | Determination of colour fastness to chlorinated water | ČSN EN ISO 105-E03 | All textile fabrics |
| T 1.11 | Determination of colour fastness to perspiration | ČSN EN ISO 105-E04 | All textile fabrics |
| T 1.12 | Determination of colour fastness to dry cleaning | ČSN EN ISO 105-D01 | All textile fabrics, hide |
| T 1.13 | Determination of colour fastness to acids | ČSN EN ISO 105-E05 | All textile fabrics |
| T 1.14 | Determination of colour fastness to alkalis | ČSN EN ISO 105-E06 | All textile fabrics |
| T 1.15 | Determination of colour fastness to hypochlorite bleaching | ČSN EN 20105-N01 | All textile fabrics |
| T 1.16 | Determination of colour fastness to peroxide bleaching | ČSN EN ISO 105-N02 | All textile fabrics |
| T 1.17 | Evaluation of change in colour tone - grey scale - by apparatus | ČSN EN 20105-A02 ČSN EN ISO 105-A05 | Textile fabrics |
| T 1.18 | Evaluation of staining - grey scale - by apparatus | ČSN EN ISO 105-A03 ČSN EN ISO 105-A0 | Textile fabrics |
| T 1.19 | Evaluation of colour | ČSN EN ISO 20471, art. 7.2 ČSN EN ISO 105-J01 ČSN EN ISO 105-J03 VW 50190 | Textile fabrics |

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|-----------------------------|---|--|--|
| T 2 | Determination of mass indicators | | |
| T 2.1 | Determination of mass | T-10-44 (ČSN 80 0863) | Textile fabrics, knitted products |
| T 2.2 | Determination of area mass | ČSN EN 12127 ČSN EN ISO 2286-2 ČSN EN 29073-1 | Textile fabrics, layered textiles non-woven textiles |
| T 2.3 | Determination of linear mass | ČSN EN ISO 2060 ČSN 80 0890, Chapter D | Textile threads ribbons and braids |
| T 3 | Measure of dimensions 7 | | |
| T 3.1 | Length and width measuring | ČSN EN 1773 | Textile fabrics |
| T 3.2 | Thickness measuring | ČSN EN ISO 5084 | Textile fabrics |
| T 3.3 | Measurement of dimensions | ČSN EN ISO 21420, art. 6.1 | PPE - gloves |
| T 3.4 | Protective surface control | ČSN EN ISO 11393-2, art. 6.3 ČSN EN ISO 11393-6, art. 8 | PPE - protective clothing |
| T 4 | Dimensional changes | | |
| T 4.1 | Determination of dimensional changes after washing and drying | ČSN EN ISO 5077 ČSN EN ISO 6330, except art. 10.1.5 ČSN EN ISO 3759 | Textile fabrics and textile products |
| | | ČSN EN ISO 11393-2, art. 6.2 ČSN EN ISO 11393-6, art. 7 | PPE - protective clothing |
| T 4.2 | Determination of skewing and arching | ČSN 80 0865 | Textile fabrics and textile products |
| T 4.3 | Determination of dimensional changes after wet ironing | ČSN 80 0823, except art. 4.2 | Textile fabrics |
| T 4.4 | Determination of heat resistance | ISO 17493, art. 8.1, 8.5 | Material fabrics, clothing accessories |
| T 4.5 | Determination of dimensional changes after wet processing | ISO 7771 | Textile fabrics |

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|-----------------------------|--|---|--|
| T 5 | Textile structure analysis | | |
| T 5.1 | Determination of sheerness | ČSN EN 1049-2 | Fabrics |
| T 5.2 | Determination of the number of columns and courses | ČSN EN 14971 | Knitted fabrics |
| T 5.3 | Determination of number of loops per unit of length and square unit | ČSN ISO 1763 | Textile floor coverings |
| T 6 | Mechanical properties | | |
| T 6.1 | Determination of the tensile strength and elongation | ČSN EN ISO 13934-1 | Textile fabrics |
| | | ČSN EN ISO 13934-2 | |
| | | ČSN EN 29073-3 | Non-woven textiles |
| | | ČSN EN ISO 1421 | Layered textiles |
| | | ČSN EN 13780 | Touch and close fasteners |
| | | ČSN 80 0890, Chapter K | Ribbons and braids |
| T 6.2 | Determination of strength in subsequent tearing | ČSN EN ISO 4674-1 | Layered textiles |
| | | T-09-42 (ISO 4674) | |
| | | ČSN EN 1875-3 | |
| | | ČSN EN ISO 9073-4 | Non-woven textiles |
| | | ČSN EN ISO 13937-2 | Textile fabrics |
| | | ČSN EN ISO 13937-3 ČSN EN ISO 13937-4 | |
| | | ČSN EN 388+A1, art. 6.4 | PPE - protective gloves |
| T 6.3 | Seam tensile strength determination | ČSN EN ISO 13935-1 | Textile products |
| | | ČSN EN ISO 13935-2 | |
| | | ČSN EN ISO 11393-2, art. 6.5 | PPE - protective clothing |
| T 6.4 | Puncture resistance determination | ČSN EN 863 | Textile fabrics |
| | | ČSN EN 388+A1, art. 6.5 | PPE - protective gloves |
| T 6.5 | Determination of yarn slippage in the seam | ČSN EN ISO 13936-2 | Textile fabrics and textile products |
| T 6.6 | Determination of lamination adhesion | ČSN EN ISO 2411 | Textile fabrics |
| T 6.7 | Determination of layer cohesion | PV 2034 ČSN EN 12242 | Material fabrics and products, touch and close fasteners |
| T 6.8 | Determination of tensile strength and elongation at break of threads | ČSN EN ISO 2062 ISO 3341 ČSN EN ISO 5079 | Textile threads glass threads textile fibres |

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|-----------------------------|---|--|---------------------------|
| T 6.9 | Determination of the strait force | ČSN 80 0890, Chapter L | Ribbons and braids |
| T 6.10 | Determination of bursting strength | ČSN EN ISO 13938-1 | Textile fabrics |
| T 7 | Determination of wear resistance | | |
| T 7.1 | Determination of wear resistance using the Martindale tester | ČSN EN ISO 12947-2 ČSN EN ISO 12947-3 ČSN EN ISO 12947-4 ČSN EN 13770, method 1 ČSN EN 14465, Annex A ČSN EN ISO 5470-2 | Textile fabrics |
| | | ČSN EN 530 | PPE - protective clothing |
| | | ČSN EN 388+A1, art. 6.1 | PPE - protective gloves |
| T 7.2 | Determination of resistance to wear and tear on the rotary abrader | PV 3908 | Material fabrics |
| T 7.3 | Determination of pilling resistance on a chamber pilling tester | ČSN 80 0838 | Textile fabrics |
| T 7.4 | Determination of fabric propensity to surface fuzzing and to pilling | ČSN EN ISO 12945-2 | Textile fabrics |
| T 7.5 | Determination of resistance to dirt and cleaning | PV 3353 PV 3356 ČSN EN 15973 | Material fabrics |
| T 8 | Other tests | | |
| T 8.1 | Determination of wetting resistance – spraying method | ČSN EN ISO 4920 | Textile fabrics |
| T 8.2 | Determination of absorption capacity – suction capacity | ČSN 80 0828 | Textile fabrics |
| T 8.3 | Determination of resistance to penetration of water – water pressure test | ČSN EN ISO 811 | Textile fabrics |
| T 8.4 | Determination of resistance to damage by bending | ČSN EN ISO 7854, art. 5, method C | Textile fabrics |
| T 8.5 | Air permeability test | ČSN EN ISO 9237 | Textile fabrics |
| T 8.6 | Material's resistance against penetration of liquids | ČSN EN ISO 6530 | Textile fabrics |

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|-----------------------------|--|---|--|
| T 8.7 | Measurement of thermal and water-vapour resistance | ČSN EN ISO 11092 | Material fabrics |
| T 8.8 | Protective material blocks separation test | ČSN EN 13158, art. 5.5 | Protective jackets, body and shoulder protectors |
| T 8.9 | Determination of pile shedding of hair fabrics with the Permapis machine | T-94-21 (PNJ 344-80-88:1988) | Hair fabrics |
| T 8.10 | Flexural test at a low temperature | ISO 4675 ČSN EN 1876-1 | Coated textile fabrics |
| T 8.11 | Tackiness determination | ČSN EN 25978 | Coated textile fabrics |
| T 8.12 | Determination of material resistance to the effects of temperature changes | ČSN EN ISO 20471, art. 7.4.4 | Material fabrics |
| T 8.13 | Oleophobicity – hydrocarbon resistance test | ČSN EN ISO 14419 | Material fabrics |
| T 8.14 | Determination of twist in yarns - Direct counting method | ČSN EN ISO 2061 | Textile yarns |
| T 8.15 | Determination of resistance to cutting by sharp objects | ČSN EN ISO 13997 | Protective clothing |
| T 8.16 | Cycling procedure for subsequent testing of Touch and close fasteners | ČSN EN 1414 | Touch and close fasteners |
| T 8.17 | Determination of the creasing – measuring the angle of recovery | ČSN EN ISO 2313-1 | Textile fabrics |
| T 8.18 | Determination of retroreflective properties | ČSN EN ISO 20471, art. 7.3 ČSN EN 1150, art. 7.3 ČSN EN 13356, art. 5.2, 5.3, 5.4.1, 5.4.2, 5.5, 5.6, 5.7.1 ČSN EN 17353:2021, art. 7.1, 7.3, 7.4 (except art. 7.4.4), art. 7.5, tab. 7, 8 | Retroreflective materials |
| T 8.19 | pH determination of water extract | ČSN EN ISO 3071 ČSN EN ISO 4045 | Textile fabrics leather |
| T 8.20 | Determination of saliva and perspiration resistance | MoH Regulation 84/2001 Coll., Annex 1 | Textile fabrics |

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|---|---|---|---|
| T 8.21 | Determination of the handgrip ability | ČSN EN ISO 21420, art. 6.2 | PPE - gloves |
| T 8.22 | Testing of slide fasteners | ČSN 93 6210-3, except art. 5.4, 5.5 | Slide fasteners |
| T 8.23 | Determination of resistance to degradation by chemicals | ČSN EN ISO 374-4 | PPE – protective gloves |
| T 8.24 | Determination of resistance to radiant heat | ČSN EN ISO 6942 | PPE – protective clothing Flat materials |
| SHOES AND PERSONAL PROTECTIVE EQUIPMENTS TESTING | | | |
| KU 1 | Determination of resistance against drops of molten metal | ČSN EN 407 ed 2, art. 6.6 ČSN EN 348 ISO 9150 | PPE – protective gloves, materials |
| K 1 | Strength characteristics | | |
| K 1.1 | Determination of tensile properties | ČSN EN ISO 13934-1 ČSN EN ISO 13934-2 | Textiles |
| | | ČSN EN ISO 3376 ČSN ISO 4643, art. 5.3 ČSN EN ISO 17706 ČSN 64 7012 ČSN ISO 37 ČSN EN 12803 DIN 53504 ČSN EN 29073-3 ČSN EN ISO 527-1 ČSN EN ISO 20344, art. 6.4.2 | Shoes materials and semi-finished products shoes |
| K 1.2 | Determination of tear strength | ČSN EN ISO 3377-1 ČSN EN ISO 3377-2 EN ISO 17696 ČSN EN ISO 4674-1, method B ČSN 64 7032 | Shoes materials |
| | | ČSN EN 388+A1, art. 6.4 ISO 15383, art. 6.3.3 | PPE - gloves |
| | | ČSN EN 12771 ČSN 62 1459:1990 ISO 34-1 ČSN EN ISO 6383-1 | Shoes bottom parts |

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|-----------------------------|---|--|---|
| K 1.3 | Determination of delamination resistance - adhesion | ČSN 64 7030 ČSN EN ISO 17698 ČSN EN ISO 11644 | Synthetic materials shoes materials leather |
| K 1.4 | Determination of slide fasteners | ČSN EN 15090, art. 7.5.1, 7.5,2 | PPE - shoes fasteners |
| K 1.5 | Determination of seam strength and interlayer bond strength | ČSN EN ISO 17697 ČSN 79 7410, art. 56 ČSN 79 5600, art. 6.4.11 | Shoes, gloves |
| | | ČSN 79 5600, art. 6.7.2 ČSN EN ISO 17708 ČSN EN 12774 ČSN EN ISO 20344, art. 5.2 | Bond between the top and the sole - shoes, PPE - shoes |
| | | ČSN EN 684 | Welded joints of floor covering |
| | | ČSN EN ISO 13935-2 | PPE - gloves for fire brigade |
| K 1.6 | Determination of strength in tearing off the "stitch" | ČSN EN ISO 23910 | Leather, furs |
| K 2 | Dynamic tests | | |
| K 2.1 | Determination of the resistance against cyclic bending | ČSN EN ISO 5402-1 ČSN EN ISO 17694 ČSN 64 7029 ČSN EN ISO 32100 | Shoemaker's materials, fancy goods |
| K 2.2 | Determination of resistance against dynamic stress | ČSN 79 5600, art. 6.6.2 | Shoes |
| | | ČSN EN ISO 22568-3, art. 5.2 ČSN EN ISO 22568-4, art. 5.2 | PPE - socks resistant to puncture |
| | | ČSN EN ISO 20344, art. 8.4.2 | PPE - shoes |
| K 2.3 | Determination of the finishing's impact resistance | ISO 15383, art. 6.4.3 | PPE - gloves |
| K 2.4 | Fancy goods carrying capacity determination | K-94-01 (ON 796011:2082) | Knapsack, suitcase, handbag, briefcase |

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|-----------------------------|---|---|-----------------------------------|
| K 3 | Impact and impulse tests | | |
| K 3.1 | Impact resistance | ČSN EN ISO 20344, art. 5.4 ČSN EN ISO 22568-1, art. 5.3 ČSN EN ISO 22568-2, art. 5.3, 5.5 | PPE - shoes, PPE - inserts |
| K 3.2 | Eye-glasses lenses minimum strength | ČSN EN 168, art. 4 ČSN EN ISO 12311, art. 9.1 | PPE - shields, glasses |
| K 3.3 | Eye-glasses lenses enhanced strength determination | ČSN EN 168, art. 3 ČSN EN 174, art. 6.5 | PPE - shields, glasses |
| K 3.4 | Determination of shock absorption capacity | ČSN EN 13277-1, art. 5.6 ČSN EN 13277-2, art. 5.5 ČSN EN 13277-3, art. 5.5 ČSN EN 13277-4, art. 5.7 ČSN EN 13277-5, art. 5.6 ČSN EN 13546+A1, art. 5.9 ČSN EN 14120+A1, art. 6.7 ČSN EN 15613, art. 6.6 ČSN CEN/TS 15256, art. 6.3.8.1 ČSN EN 1621-1, art. 6.3 ČSN EN 14404+A1, art. 6.7 ČSN EN 13277-6, art. 5.6.1 ČSN EN 13277-7, art. 6.4 | PPE - protectors |
| | | ČSN EN ISO 20344, art. 5.17 | PPE - gloves |
| | | ČSN EN 388+A1, cl. 6.6 | PPE - gloves |
| K 3.5 | Determination of impact resistance | ČSN EN 14120+A1, art. 6.6 ČSN CEN/TS 15256, art. 6.3.8.2, 6.3.8.3 | PPE, protectors for sport |
| K 4 | Attrition and abrasion tests | | |
| K 4.1 | Determination of treatment durability during abrasion | ČSN 64 7031, method A, B | Shoemaker's and other's materials |

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| K 4.2 | Determination of treatment durability during attrition | ČSN 64 7031, method D ČSN EN ISO 20344, art. 7.3 ČSN EN 12747 | Shoemaker's and other's materials PPE - insole shoes |
| K 4.3 | Determination of abrasion resistance | ČSN 62 1466, method A ISO 4649, method A ČSN EN 12770 | Shoe's bottom parts |
| | | K-12-35 (ISO 2023:2001, Annex B) ČSN EN ISO 22774, method 1 | Shoe lace |
| K 4.4 | Determination of resistance to abrasion by Martindale method | ČSN EN 388+A1, art. 6.1 ČSN EN ISO 20344, art. 6.12 ČSN EN 13520 | PPE - gloves, shoes, footwear and other materials |
| K 5 | Diffusion of liquids and gases | | |
| K 5.1 | Shoes water permeability | ČSN EN ISO 20344, art. 5.15.2 ČSN 79 5600, art. 6.7.5 | PPE - shoes, shoes |
| K 5.2 | Determination of the water absorptivity under dynamic conditions | ČSN EN ISO 5403-1 ČSN EN ISO 17702 ČSN EN ISO 20344, art. 6.13 | Shoemaker's and other's materials, PPE - shoes |
| K 5.3 | Reserved | | |
| K 5.4. | Determination of water absorption and desorption | ČSN EN ISO 22649 ČSN 79 5600, art. 6.4.9 | Shoemaker's materials insole |
| | | ČSN EN ISO 20344, art. 7.2 | PPE - shoes |
| K 5.5 | Determination of water vapour absorption | ČSN EN ISO 20344, art. 6.7 ČSN EN ISO 17229 | PPE - shoes, shoemaker's materials |
| | | ČSN EN ISO 21420, art. 6.4 | PPE - gloves |
| K 5.6 | Determination of water vapour penetration | ČSN EN ISO 14268 ČSN EN 13515 | Leather, shoemaker's and other's materials |
| | | ČSN EN ISO 20344, art. 6.6 ČSN EN ISO 21420, art. 6.3.1 | PPE - shoes, gloves |

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|-----------------------------|---|---|--|
| K 5.7 | Determination of water vapour penetration coefficient | ČSN EN ISO 20344, art. 6.8 | PPE - shoes |
| K 6 | Measurement of geometric quantities | | |
| K 6.1 | Measurement of dimensions | ČSN ISO 23529, art. 9 ČSN EN ISO 2589 ČSN EN ISO 2286-3 | Thickness - shoemaker's and other's materials |
| | | ČSN 64 7010 ČSN EN ISO 3759 ČSN EN ISO 5084 | Shoemaker's and other materials, mass leather, plastics and textile products |
| | | ČSN 79 6506, art. 17 ČSN 79 6505, art. 17 | Satchel products |
| | | ČSN EN ISO 20344, art. 5.3, 5.8.1, 6.1, 6.2, 7.1, 8.1 ČSN EN 15090, art. 6.7 | PPE - shoes |
| | | ČSN 79 7410, art. 55 ČSN EN ISO 21420, art. 6.1 | Outdoor gloves, PPE - protective gloves |
| | | ČSN EN ISO 22568-1, art. 5.2 ČSN EN ISO 22568-2, art. 5.2 | PPE - inserts |
| | | ČSN EN 13546+A1, art. 5.6, 5.7 ČSN EN 13567+A1, art. 5.7 ČSN CEN/TS 15256, art. 5.3, 5.4 ISO 15383, art. 4.2, 4.3, 4.4.2 ČSN EN 13277-1, art. 5.5 ČSN EN 13277-2, art. 5.4 ČSN EN 13277-3, art. 5.4 ČSN EN 13277-4, art. 5.6 ČSN EN 13277-5, art. 5.5 ČSN EN 13277-6, art. 5.5 | PPE - for sport |
| | | ČSN EN 13595-1, Annex C | PPE - for motorists |

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| K 6.2 | Determination of dimensional stability | ČSN 79 3845, method A ISO 17493, art. 8.1, 8.2 ČSN EN 12772 | Shoemaker's and other's materials, PPE - gloves, shoes |
| K 6.3 | Determination of field of vision | ČSN EN 13277-4, art. 5.4 | PPE - sportsprotectors, shields, glasses |
| K 7 | Determination of mass | ČSN 64 7011 ČSN EN ISO 2420 ČSN EN 12127 | Shoemaker's and other's materials |
| | | ČSN 79 5606 | Shoes |
| K 8 | Tests of ageing | | |
| K 8.1 | Resistance to weather | K-08-34 (ČSN 03 8131) | Knapsack, suitcase handbag, briefcase |
| K 8.2 | Determination of material resistance against ageing | ČSN EN 12749 | Shoes shoemaker's materials |
| K 9 | Determination of effects of fluids | | |
| K 9.1 | Determination of resistance against liquids | ČSN ISO 1817 | Shoemaker's materials and raw products |
| K 9.2 | Determination of resistance to corrosion | ČSN EN ISO 20344, art. 5.6 ČSN EN ISO 22775, method 2 ČSN EN ISO 22568-1, art. 5.5 ČSN EN ISO 22568-3, art. 5.3 ČSN EN 168, art. 8 | PPE - shoes, inserts, socks resistant to puncture, eye-protection |
| K 9.3 | Determination of resistance to fuel oils | ČSN EN ISO 20344, art. 8.6.1 | PPE - working shoes |
| K 10 | Colour stability tests | | |
| K 10.1 | Determination of colour stability during abrasion | ČSN EN ISO 11640 ČSN 64 7031, method A, B ČSN EN ISO 17700, method A | Shoemaker's and other's materials |
| K 10.2 | Determination of colour fastness to perspiration | ČSN EN 13277-1, art. 5.3.2 ČSN EN ISO 11641 ČSN EN ISO 105-E04 | PPE - non textile materials of sportsprotectors, leather, textiles |
| K 10.3 | Determination of colour fastness to water | ČSN EN ISO 105-E01 | Textiles |

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|-----------------------------|---|--|---|
| K 10.4 | Determination of colour fastness to water drops | ČSN EN ISO 105-E07 ČSN EN ISO 15700 | Textiles, leather |
| K 11 | Ergonomic tests | | |
| K 11.1 | Determination of the handgrip ability | ČSN EN ISO 21420, art. 6.2 ISO 15383, art. 6.5.1 | PPE - gloves |
| K 11.2 | The time for clothing of glove | ISO 15383, art. 6.5.3, Annex C | PPE - gloves |
| K 11.3 | Determination of time for taking off the gloves | ČSN EN 659+A1, art. 3.15 | PPE - fire gauntlet |
| K 11.4 | Determination of specific ergonomic characteristics of footwear | ČSN EN ISO 20344, art. 5.1 | PPE - shoes |
| K 12 | Other tests | | |
| K 12.1 | Determination of shear friction coefficient | U-06-01 (ČSN 74 4507) ČSN EN 13893 ČSN 74 4507 U-07-02 (ČSN 74 4507) U-07-03 (ČSN 74 4507) | Shoes, floor surface material, fabrics, escalator parts |
| K 12.2 | Determination of internal electrical resistance | ČSN EN ISO 20344, art. 5.10 ČSN EN 1081+A1, method A | PPE - shoes, floor coverings |
| K 12.3 | Determination of pH | ČSN EN ISO 4045 ČSN EN ISO 3071 | Shoes materials and other materials |
| K 12.4 | Determination of density | ČSN ISO 2781, method A ČSN EN ISO 1183-1, method A | Shoes materials and other materials |
| K 12.5 | Determination of SHORE hardness | ČSN EN ISO 868 | Shoes materials and other materials |
| K 12.6 | Determination of compression resistance | ČSN EN ISO 20344, art. 5.5 ČSN EN 15090, art. 7.4 ČSN EN ISO 22568-1, art. 5.4 ČSN EN ISO 22568-2, art. 5.4 ČSN EN 13277-6, art. 5.6.2 | PPE - shoes, inserts, protectors |

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|-----------------------------|---|---|--|
| K 12.7 | Test of stability at increased temperature | ČSN EN 168, art. 5 | PPE - shields, glasses |
| K 12.8 | Testing of restraint system | ČSN EN 13277-1, art. 5.4 ČSN EN 13277-2, art. 5.3 ČSN EN 13277-3, art. 5.3 ČSN EN 13277-4, art. 5.5 ČSN EN 13277-5, art. 5.4 ČSN EN 13277-6, art. 5.4 ČSN EN 13277-7, art. 6.3 ČSN EN 13546+A1, art. 5.8 ČSN EN 13061, art. 4.6 ČSN EN 14404+A1, art. 6.8 ČSN EN 14120+A1, art. 6.4 ČSN EN 15613, art. 6.5 ČSN CEN/TS 15256, art. 6.3.7 | PPE - sportsprotectors |
| K 12.9 | Determination of blade cut resistance | ČSN EN 388+A1, art. 6.2 ČSN EN ISO 20344, art. 6.14 | PPE - gloves, shoe upper |
| K 12.10 | Lateral protection test | ČSN EN 168, art. 19 | PPE - shields, glasses |
| K 12.11 | Determination of resistance to heat | ČSN EN ISO 20344, art. 5.12 | PPE - shoes |
| K 12.12 | Determination of resistance to cold | ČSN EN ISO 20344, art. 5.13 | PPE - shoes |
| K 12.13 | Determination of stiffness | ČSN 79 5600, art. 6.7.3 | Shoes |
| K 12.14 | Determination of energy absorption of the seat region | ČSN EN ISO 20344, art. 5.14 ČSN EN 12743 | PPE - shoes |
| K 12.15 | Determination of penetration resistance | ČSN EN 388, art. 6.5 ČSN EN ISO 20344, art. 5.8.2, 5.8.3 ČSN EN ISO 22568-3, art. 5.1 ČSN EN ISO 22568-4, art. 5.1.1 | PPE - gloves, shoes, penetration resistant inserts |

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|-----------------------------|---|---|--|
| ANALYTICAL TESTS | | | |
| A 1 | pH determination by potentiometer | ČSN EN ISO 1264 ČSN ISO 10523 ČSN EN ISO 3071 Eur. Phar., Chapter 2.2.3 Phar.Boh., Chapter 2.2.3 ČSN ISO 3696, art. 7.1 ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) ČSN 62 1156, art. 8 ČSN EN 13468, art. 7.2.6 | Drinking, surface, waste water, water for analytical purposes, water and water extracts from plastic materials, consumer goods (PBU ^(b,c,d)), waste, textiles, rubber, leathers, thermal insulating products |
| | | ČSN 65 0313 ČSN 68 1151 Eur. Phar., Chapter 2.2.3 Phar.Boh., Chapter 2.2.3 | Water extracts of chemical products, detergents |
| | | ČSN EN ISO 787-9 ČSN EN 13454-2, art. 5.2 | Water-based extracts of pigments and cements |
| A 2 | Determination of acidity and alkalinity by titration | | |
| A 2.1 | Determination of acidity and alkalinity | ČSN EN ISO 8871-1, Annex B Eur. Phar., Chapter 3 ^{e)} , 3.2.2.1, 3, 3.2.4, 3.2.6, 3.2.8, 3.2.9 Phar.Boh., Chapter 3 ^{e)} , 3.2.2.1, 3.2.4; 3.2.6; 3.2.8; 3.2.9 | Water extracts from plastic materials, elastomers, rubbers |
| A 2.2 | Determination of acidity and acids ³⁾ | ČSN EN ISO 660, except art. 9.2 | Fats, oils |
| A 2.3 | Determination of hydrolytic resistance of glass | Eur. Phar., Chapter 3.2.1. Phar.Boh., Chapter 3.2.1. ČSN ISO 720 ČSN ISO 719 A-10-98 (ČSN ISO 4802-1:1993) | Glass, glass products |

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|-----------------------------|---|--|--|
| A 3 | Gravimetry – ash, volatiles, soluble and insoluble substances, grain-size analysis | | |
| A 3.1 | Ash content determination, loss by annealing; gravimetric method | ČSN EN ISO 3451-1 ČSN EN ISO 3451-4 ČSN EN ISO 3451-5 Eur. Phar., Chapter 2.4.14, 2.4.16 Phar.Boh., Chapter 2.4.14, 2.4.16 ČSN EN ISO 1172 | Plastics, elastomers, rubbers, textiles |
| | | ČSN EN 196-2, art. 4.4.1 ČSN EN 459-2, art. 6.8 | Building products |
| A 3.2 | Determination of volatile matter by gravimetry | ČSN 64 0311 ČSN EN ISO 4684 | Plastics, elastomers, rubbers, leather |
| | | ČSN EN 14372, art. 6.3.3 ČSN EN 14350, art. 8.4.2 A-05-57 (60. Mitteilung zur Untersuchung von Kunststoffen: Bundesgesundheitsblatt 45, 462(2002), 61. Mitteilung zur Untersuchung von Kunststoffen: Bundesgesundheitsblatt 46, 362(2003)) | Consumer goods (PBU, products of child care) |
| | | ČSN EN ISO 787-2 | Pigments |
| A 3.3 | Determination of non-volatile matter | ČSN EN ISO 3251 | Plastics and paints and varnishes |
| A 3.4 | Determination of dry matter content (moisture content) | ČSN EN ISO 287 ČSN EN 322 | Paper, paperboard, wood |
| | | ČSN EN 15167-1, Annex A | Building products, blast-furnace slag |
| A 3.5 | Determination of dissolved and suspended substances by gravimetric method | ČSN 75 7346 ČSN EN 872 ČSN ISO 3696, art. 7.5 | Raw, waste water, water for analytical purposes, water extracts from waste |
| | | ČSN EN 196-2, art. 4.4.3, 4.4.4 | Cement, lime |
| A 3.6 | Sulphate content determination by gravimetric method | ČSN EN 196-2, art. 4.4.2 | Cement, lime |

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|-----------------------------|---|---|---|
| A 3.7 | Sieve analysis | A-09-94 (ČSN ISO 2591-1, ČSN ISO 3310-1, ČSN ISO 3310-2, ČSN EN ISO 1624, ČSN EN 196-6, ČSN EN 451-2, ČSN EN ISO 787-7) | Loose materials |
| A 3.8 | Quantitative analysis of two and three-component mixtures of textile fibres | EP and the EU council regulation, Annex VIII, Chapter 2, 3 | Textiles |
| A 4 | Determination of extractable and extractible substances by gravimetry | | |
| A 4.1 | Overall migration (dry matter) into water, aqueous, alcoholic and substitute fatty food simulants by gravimetry | ČSN 62 1156, art. 12 ČSN EN 1186-1 ČSN EN 1186-3 ČSN EN 1186-5 ČSN EN 1186-7 ČSN EN 1186-9 ČSN EN 1186-14 ČSN EN 1186-15 D.M. 21-03-1973, Annex IV, section I, chapter I. – IV A, B ČSN EN ISO 8871-1, Annex H GB 31604.1-2015 GB 31604.8-2016 | Rubbers, plastics, elastomers, consumer Goods (PBU) and materials for their production, packing |
| A 4.2 | Extractable content determination by gravimetry | US21CFR FDA, art. 175.300, d,e,f US21CFR FDA, art. 177.1520, c, d(3)-d(4) ČSN EN 1186-13, method B Eur. Phar., Chapter 3.1.1.1; 3.1.9 Phar.Boh., Chapter 3.1.1.1; 3.1.9 ISO 6427 ČSN EN ISO 6427 ISO 1407, method A, B ČSN ISO 1407, method A, B | Rubbers, plastics, elastomers, consumer goods (PBU) and materials for their production, packing |

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| | | ČSN EN 14372, art. 6.3.2.5 | Products of child care, toys |
| | | ČSN 80 0623 ČSN 80 0523 ČSN EN ISO 4048 | Textiles Leather |
| A 5 | Determination of density | | |
| A 5.1 | Determination of density by titration | ČSN EN ISO 1183-1, method C | Plastics |
| A 5.2 | Reserved | | |
| A 5.3 | Determination of density by flotation method | A-11-99 (ČSN EN ISO 1183-1, method C, ČSN EN ISO 12185) | Polymers |
| A 6 | Determination of conductivity | ČSN EN 27888 ČSN EN ISO 8871-1, Annex J ČSN 62 1156, art. 10 ČSN ISO 3696, art. 7.2 ČSN EN ISO 8795 A-03-34 (Annex No. 1 to MoH Regulation No. 409/2005 Coll.) | Surface, raw, drinking, waste water, water for analytical purposes, water extracts from consumer goods (PBU ^(b)), waste, elastomers and rubbers |
| A 7 | Determination of resistance to thermal shock | ČSN EN 1183, method B | Ceramic products |
| A 8.1 | Determination of mechanical resistance in dishwasher. | A-08-80 (ČSN EN ISO 12875-1, ČSN EN ISO 12875-2, tab. 1, 2) | Domestic dishes |
| A 8.2 | Determination of resistance to corrosion | ČSN EN ISO 8442-1, art. 6.1 ČSN EN ISO 8442-2, art. 7.1 A-05-55 (ČSN 94 6101:1992, art. 76-78) | Consumer goods, dishes |
| A 9 | Optical methods of determination | | |
| A 9.1 | Determination of layer thickness by optical or electron microscopy | A-18-112 (ČSN EN ISO 2808, ČSN ISO 1463) | Plastics, metals, metal and plastic products with surface treatment |

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|-----------------------------|--|--|--|
| A 9.2 | Colour measurement and determination of spectral and luminous transmittance by spectrophotometry | ČSN 01 1718 ČSN EN 172, art. 5.2 ČSN EN 167, art. 6, 7.1, 7.2 ČSN EN ISO 7686 ČSN EN ISO 12312-1, art. 5 ČSN EN ISO 12311, art. 7.1-7.8 Eur. Phar., Chapter 3.2.1 Phar. Boh., Chapter 3.2.1 ČSN EN ISO 13468-2 | PPE, pipes and fittings, plastics, textile, painted parts, leather, glass, glass products |
| A 9.3 | Measurement of colour by spectrophotometry | ČSN EN ISO 7887 ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) | Drinking water, water extracts from consumer goods (PBU ^(b)) |
| A 9.4 | Measurement of turbidity by nephelometry | ČSN EN ISO 7027-1 ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) | Drinking water, water extracts from consumer goods (PBU ^(b)), elastomers |
| A 9.5 | Measurement of absorbance by spectrophotometry | Eur. Phar., Chapter 2.2.25 Phar. Boh., Chapter 2.2.25 ČSN EN ISO 8871-1, Annex C | Solutions and polymer extracts |
| | | ČSN ISO 3696, art. 7.4 | Water for analytic purposes |
| A 9.6 | Measurement of colour and turbidity of solutions visually | Eur. Phar., Chapter 2.2.1, 2.2.2, Phar. Boh., Chapter 2.2.1, 2.2.2, ČSN 62 1156, art. 13 ČSN EN ISO 8871-1, Annex A | Water extracts from plastics, rubbers, elastomers |
| A 9.7 | Determination of colourants migration - visually | A-08-83 (Annex to Resolution AP(89)1, ČSN EN 1186-1, ČSN EN 1186-3, ČSN EN 1186-5, ČSN EN 1186-7, ČSN EN 1186-9, | Consumer goods (PBU ^(a,c,d)), plastics, rubbers, elastomers, enamels, paper products |

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|-----------------------------|--|--|---|
| | | ČSN EN 1186-14) ČSN EN 646 GB 31604.7-2016 | |
| A 9.8 | Determination of colourants migration - by spectrophotometry | A-08-87 (Italian Ministerial Decree, 21-03-1973, alegado ser. VII, ČSN EN 1186-1, ČSN EN 1186-2, ČSN EN 1186-3, ČSN EN 1186-4, ČSN EN 1186-5, ČSN EN 1186-6, ČSN EN 1186-7, ČSN EN 1186-8, ČSN EN 1186-9, ČSN EN 1186-10, ČSN EN 1186-14) | Consumer goods (PBU ^(a)), plastics, rubbers, elastomers, paints and varnishes |
| A 9.9 | Determination of materials and products resistance to saliva and perspiration - visually | MoH Regulation 84/2001, Annex 1 DIN 53160-1 DIN 53160-2 | Toys, products for children, plastics rubbers, elastomers, paints and varnishes |
| A 9.10 | Determination of fluorescent brightener transmission fluorescence - visually | A-09-89 (ČSN EN 645, ČSN EN 648, Annex No. 12, section 4 to MoH Regulation No. 39/2001 Coll.) ČSN EN 648 | Paper, paperboard, toys, products for children |
| A 9.11 | Determination of melting point by microscope method | A-12-105 (ASTM D 2117-82) ČSN EN ISO 3146, method B | Plastics |
| A 9.12 | Identification of the presence of asbestos fibers by SEM-EDS method | A-20-116 (VDI 3866-5) | Building materials |

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|-----------------------------|---|--|---|
| A 10 | Qualitative determination (detection – visual tests) | | |
| A 10.1 | Detection of NH ₃ , NH ₄ ⁺ | Eur. Phar., Chapter 2.4.1, Phar. Boh., Chapter 2.4.1 ČSN 62 1156, art. 17 ČSN EN ISO 8871-1, Annex G | Water extracts from plastics, rubbers, elastomers, consumer goods (PBU) |
| A 10.2 | Detection of heavy metals | Eur. Phar., Chapter 2.4.8, method A Phar. Boh., Chapter 2.4.8, method A ČSN 62 1156, art. 15 ČSN EN ISO 8871-1, Annex E A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) GB 31604.9-2016 | Water extracts from plastics, rubbers, elastomers, consumer goods (PBU ^(a,c,d)) |
| A 10.3 | Detection of barium, strontium | ČSN 62 1156, art. 22 A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) | Water extracts from plastics, rubbers, elastomers, consumer goods (PBU ^(a)) |
| A 10.4 | Detection of chlorides | Eur. Phar., Chapter 2.4.4 Phar. Boh., Chapter 2.4.4 ČSN 62 1156, art. 16 | Water extracts from plastics, rubbers, elastomers, consumer goods (PBU ^(a)) |
| A 10.5 | Detection of sulphides, acid sulphides | ČSN 62 1156, art. 20 ČSN EN ISO 8871-1, Annex I A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) | Water extracts from plastics, rubbers, elastomers, consumer goods (PBU ^(a,c,d)) |
| A 10.6 | Detection of sulphates, thiosulphates | Eur. Phar., Chapter 2.4.13 Phar. Boh., Chapter 2.4.13 ČSN 62 1156, art. 19, 21 A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) | Water extracts from plastics, rubbers, elastomers, consumer goods (PBU ^(a,c,d)) |

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| A 10.7 | Detection of primary aromatic amines | Eur. Phar., Chapter 3.1.1.1, 3.1.14 Phar. Boh., Chapter 3.1.1.1, 3.1.14 ČSN 62 1156, art. 18 A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) | Water extracts from plastics, rubbers, elastomers, consumer goods (PBU ^(a,c,d)) |
| A 11 | Sensory tests | | |
| A 11.1 | Determination of off-odour and off-taste (off-flavour) | ČSN EN ISO 5495 ČSN EN ISO 4120 ČSN EN 1230-2 ČSN EN 1230-1 ČSN 77 0226 A-04-43 (ČSN ISO 3972, ČSN ISO 8586-1, ČSN ISO 8587, DIN 10964, ČSN EN ISO 5495, ČSN EN ISO 4120, ČSN EN 1230-1, ČSN EN 1230-2, ČSN 77 0226, AHEM 13/1982, AHEM 24/1986, ČSN ISO 13302, DIN 10955) ČSN ISO 13302 DIN 10955 | Products of polymers, PBU, silicates, metals, paper, cardboard and cardboard products |
| | | ČSN EN 1622 ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) | Drinking water, water extracts from consumer goods (PBU ^(b)) |
| A 11.2 | Determination of odour intensity and its description | PV 3900 VDA 270 | Plastics, rubbers, carpets, polymers, paints and varnishes, parts of car interiors |

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| A 12 | Infrared spectrometry (FTIR) | | |
| A 12.1 | Identification of substances by FTIR method | A-96-37 (ASTM D 2621, ČSN ISO 4650) ČSN ISO 4650 | Gas, liquids, solids, plastics |
| A 13 | Determination of elements content | | |
| A 13.1 | Determination of elements by XRF spectrometry | | |
| A 13.1.1 | Identification of elements by XRF spectrometry ³⁾ | A-98-09 (NEX DE EDXRF Rigaku instrument manual) | Liquid and solid inorganic and organic materials |
| A 13.1.2 | XRF identification and quantitative determination of elements by spectrometry ³⁾ | A-98-09 (NEX DE EDXRF Rigaku instrument manual) ČSN EN 62321-3-1 | Al alloys, stainless steel, oxides, minerals, rocks, copper alloys, hydrocarbon, PVC and silicone matrix, oil, liquid and solid fuels for stationary sources, electrical products |
| A 13.2 | Determination of extractable chromium | ČSN 79 3873 | Leather |
| A 13.3 | Determination of elements by ICP-OES methods ³⁾ | A-06-61 (ČSN EN ISO 11885, Phar. Boh., Chapter 2.2.57, Eur. Phar., Chapter 2.2.57) ČSN EN ISO 11885 ČSN EN 1811+A1 ČSN EN 14372, part 6.3.5 ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) ČSN EN 13468, art. 7.2.4, 7.2.5 ČSN EN 62321-5 ČSN EN 480-12 | Raw, drinking, waste water, water extracts, extracts into solution of artificial perspiration, thermal insulating products, food simulants, electrical products and their parts, building products, cement, glass, ceramics, metal products |

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| | | ČSN EN 196-2, art. 4.5.19 CPSC-CH-E1002-08.3 ČSN EN 62321-4 CPSC-CH-E1003-9.1 | |
| A 13.4 | Determination of migration of certain elements (Sb, As, Ba, Cd, Cr, Pb, Hg, Se) | ASTM F 963-16, art. 8.3.2-8.3.5 | Toys, products of child care, consumer goods (PBU ^(c,d)) and materials for consumer goods (PBU ^(c,d)) |
| A 13.5 | Determination of extractable elements (Pb, Cd) | ČSN EN 1388-1 ČSN EN 1388-2 ISO 8391-1 ISO 7086-1 ISO 6486-1 ČSN EN ISO 4531 A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) | Silicates, glass products, ceramics, glass ceramics |
| A 13.6 | Determination of elements by ICP-MS methods ³⁾ | ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) A-10-97 (ČSN EN 15763, ČSN EN 15765, ČSN EN ISO 17294-2, ČSN EN 16711-1, ČSN EN 16711-2) CPSC-CH-E1002-08.3 ČSN EN 62321-4 ČSN EN 62321-5 CPSC-CH-E1003-9.1 GB 31604.49-2016 ČSN EN 16711-2 | Raw, drinking, waste water, water extracts, extracts into solution of artificial perspiration, products of mineralization, food simulants, foods, non-metallic products for children, electrical products and their parts, glass, ceramics, PBU |
| A 13.7 | Determination of migration of elements by ICP-MS, IC-ICP-MS method ³⁾ | ČSN EN 71-3+A1 ČSN EN 14372, art. 6.3.1 ČSN EN 1400+A2 ČSN EN 14350, art. 8.6 | Toys, products of child care, PBU ^(c,d) and material for PBU ^(c,d) |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|--|--|--|
| A 14 | Determination of substances by liquid chromatography methods | | |
| A 14.1 | Determination of monomers and additives by liquid chromatography methods (HPLC, UFLC/UV, DAD, fluorescence detector ³) | A-96-35 (ČSN EN 13130-1, ČSN EN 13130-2, ČSN P CEN/TS 13130-24, ČSN P CEN/TS 13130-27, ČSN EN 15136, ČSN EN 14350, art. 8.7, ČSN EN 14372, art. 6.3.6, Phar. Boh. as amended, Chapter 3.1.3, 3.1.5, 3.1.6, 3.1.7, GB 31604.1) ČSN EN 13130-1 ČSN EN 13130-2 ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) GB 5009.156 | Extracts from consumer goods (PBU) into food simulants, water extracts from consumer goods (PBU) |
| | | ČSN EN 14372, art. 6.3.6 ČSN EN 14350, art. 8.7 | Products of child care |
| | | ČSN EN 71-10, art. 6 ČSN EN 71-11, art. 5.5.1, 5.5.2 | Toys, materials for the manufacture of toys |
| | | Eur. Phar., Chapter 3.1.3, 3.1.5, 3.1.6, 3.1.7 Phar. Boh., Chapter 3.1.3, 3.1.5, 3.1.6, 3.1.7 A-13-107, Method B ČSN EN 13130-8 | Plastics, elastomers, consumer goods, paper |
| A 14.2 | Determination of colourants ³) | ČSN EN 71-11, art. 5.3 ČSN EN 71-10, art. 8.1.3, 8.2.1, 8.3.1, 8.4.1, 8.5.1, 8.6.1, 8.7.1, 8.8.1, 8.9.1 A-12-104 (ČSN EN 71-9,10,11) | Toys, toy manufacturing materials |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|--|--|---|
| A 14.3 | Determination of plasticizers by UFLC method (DAD detector) ³⁾ | A-14-108 (application sheets Shimadzu HPLC part L402, ČSN EN 13130-1, GB 31604.1) | Food simulants, water extracts |
| A 14.4 | Determination of polycyclic aromatic hydrocarbon (PAH) by liquid chromatography methods (HPLC, UFLC/UV, DAD – fluorescence detector) ³⁾ | ČSN 75 7554, method A ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) | Drinking, ground, surface, raw, waste water, water extracts from consumer goods (PBU) ^(b) , waste, elastomers |
| | | A-07-75 (U.S.EPA method 550, ISO 13877) | Rubbers, plastics, rubber raw materials |
| A 14.5 | Identification and determination of selected primary aromatic amines by liquid chromatography with mass detection (LC-MS) method ³⁾ | A-95-28 (DIN 55610, ČSN EN ISO 17234-1, ČSN EN 14362-1, ČSN EN ISO 14362-3, Technical guidelines, ČSN EN 71-10, ČSN EN 71-11) ČSN EN ISO 14362-1 ČSN EN ISO 17234-1 ČSN EN ISO 14362-3 ČSN EN ISO 17234-2 | Leather products, textile products, consumer goods, food simulants, toys, materials for the toys manufacture, dyes |
| | | ČSN EN 71-10, art. 8.1.4, 8.2.2, 8.3.2, 8.4.2, 8.5.2, 8.6.2, 8.7.2, 8.8.2, 8.9.2 ČSN EN 71-11, art. 5.4 | Toys, material for toys making |
| A 14.6 | Determination of anions content by ion chromatography (HPLC, UFLC/UV (DAD), conductivity detector) ³⁾ | A-96-36 (ČSN EN ISO 10304-1, ČSN EN ISO 10304-2, ČSN EN ISO 10304-3, ČSN EN ISO 10304-4, EPA method B-1011, Waters application sheets) ČSN EN 13468, art. 7.2.2, 7.2.3 | Drinking, surface, raw, waste water, water extracts from waste, cartridges, impigners, sorption tubes, discs with air mass, thermal Insulating products |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|---|--|--|
| A 14.7 | Determination of anions content after combustion in oxygen by ion chromatography (HPLC, UFLC/UV (DAD), conductivity detector) ³⁾ | A-08-84, method B (ČSN EN ISO 1158, ČSN EN ISO 10304-1, ČSN EN ISO 10304-2, ČSN EN ISO 10304-3) | Organic compounds |
| A 14.8 | Determination of pentachlorophenol by HPLC, UFLC/UV (DAD) method | A-95-12 (DIN 53313) | Consumer goods (PBU), leather, textile, paper |
| A 14.9 | Determination of organic compounds by LC-MS method ³⁾ | A-12-104 (ČSN EN 71-9, ČSN EN 71-10, ČSN EN 71-11, ČSN EN 13130-1) ČSN EN 14350, čl. 8.7 | PBU, food simulants, aqueous extracts, extracts, toys, materials for the manufacture of toys, wood preservatives, child care products |
| A 14.10 | Determination of aldehydes and ketones by HPLC, UFLC method (DAD detector) ³⁾ | A-12-102 (ČSN EN ISO 17226-1, ČSN EN ISO 17226-3, ISO 16000-3, ISO 16000-4) PV 3925, method A | Water extracts from consumer goods (PBU), extracts from consumer goods (PBU) into food simulants, cartridges, impigners, sorption discs, tubes with air mass, polymer materials |
| | | A-19-115 (ČSN EN 717-1, ČSN EN ISO 16000-9) | Products and semi-finished products of plastics, rubber, wood, building and construction materials |
| A 14.11 | Determination of organic compounds by LC-MS/MS method ³⁾ | A- 18-110 (ČSN EN 13130-1) A-19-113 (ČSN ISO 21458) | PBU, food simulants, aqueous extracts, extracts, water Hygiene products: baby diapers, incontinence aids, pads and materials used in the production of hygiene products |
| A 15 | Determination of organic compounds by gas chromatography methods | | |
| A 15.1 | Determination of monomers and additives by GC/MS, FID, TCD method ³⁾ | ČSN EN ISO 6401 A-99-17 (ASTM 4526-12, ČSN EN 13130-4, ČSN P CEN/TS 13130-9, | Polymers, PBU, paper, plastics |

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|-----------------------------|---|--|--|
| | | ČSN EN ISO 6401) A-13-107, method A (ČSN EN 14338, ČSN EN 13130-1) ČSN EN 13130-4 ČSN EN 13130-1 GB 5009.156 A-04-38 (ČSN EN 13130-1, ČSN EN 13130-3, ČSN P CEN/TS 13130-9, ČSN P CEN/TS 13130-15, ČSN P CEN/TS 13130-26) A-07-73 (ASTM 4526-12, ČSN EN 13130-3) ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) A-12-103 (ČSN EN 13130-1) | Water extracts from consumer goods (PBU), extracts from consumer goods (PBU) into food simulants, methanol extracts |
| A 15.2 | Determination of volatile organic substances by GC/MS, FID method ³⁾ | ČSN EN 71-10, art. 6 ČSN EN 71-11, art. 5.5.4, 5.5.5, 5.5.6 A-99-18, method B (ČSN ISO 11423-1, ČSN ISO 11423-2) A-04-48 (ČSN EN ISO 10301, ČSN EN ISO 5667-3) ČSN EN ISO 10301 ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) | Toys, material for toys making Drinking, surface, waste water, water extracts from consumer goods (PBU) and waste |
| A 15.3 | Reserved | ČSN EN ISO 11890-2 | Paints and varnishes |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|--|--|---|
| A 15.4 | Determination of phthalates by GC-MS method ³⁾ | A-99-18, method A (EPA 506, ČSN EN 14372) ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) | Extracts from consumer goods (PBU) into food simulants, water extracts from consumer goods (PBU) |
| | | A-99-18, method A (EPA 506, ČSN EN 14372) CPSC-CH-C1001-09.4 | Products from plastics and rubbers, PBU, toys, plastics |
| | | ČSN EN 14372, art. 6.3.2 | Products of child care toys |
| | | A-99-18, method A (EPA 506, ČSN EN 14372) | Water extracts from waste |
| A 15.5 | Identification and quantification of selected organic compounds GC-MS method ³⁾ | A-14-109 (ČSN P CEN ISO/TS 16189, ČSN EN ISO 16186, ČSN EN 16778, ČSN EN 13130-1) | Consumer goods (PBU), polymers, organic materials, food simulants, PPE - protective gloves |
| A 15.6 | Overall migration to fatty food simulants by GC/FID method | ČSN EN 1186-1 ČSN EN 1186-2 ČSN EN 1186-4 ČSN EN 1186-6 ČSN EN 1186-8 ČSN EN 1186-10 ČSN EN 1186-12 ČSN EN 1186-13, method A | Plastics, paints and varnishes, consumer goods (PBU ^(a,d)) |
| A 15.7 | Emission of organic compounds by TD-GC, GC/FID, MS method | PV 3341 VDA 277 VCS 1027, 2759 VCS 1027, 2749 | Car interiors, plastics, rubbers |
| A 15.8 | Thermal desorption analysis of organic emissions | VDA 278 | Car interiors, plastics, rubbers |

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|-----------------------------|---|---|--|
| A 15.9 | Identification and determination of low-molecular compounds by TD-GC-MS and XRF methods | A-07-70 (ČSN EN 62321-6) A-07-71 (VDA 278, PB VWL 709) A-07-72 (ISO 17257, ISO 7270-1) | Polymers, organic materials |
| A 15.10 | Organic compounds composition analysis by pyrolysis PY-GC-MS | ČSN ISO 7270-1 A-08-85 (ISO 7270-1, ISO 1407) | Rubbers, plastics, elastomers, organic materials |
| A 15.11 | Determination of chlorophenols by GC-MS method ³⁾ | ČSN EN 12673 ČSN EN ISO 8795 A-03-34 (Annex No. 1 to MoH Regulation No. 409/2005 Coll.) | Drinking, surface, water extracts from consumer goods (PBU) |
| A 15.12 | Determination of polychlorinated biphenyls (PCB) by GC/MS method ³⁾ | ČSN EN 14041, Annex B | Floor coverings |
| A 15.13 | Reserved | A-09-95 (ČSN EN ISO 6468) | Drinking, surface, ground, waste water |
| A 15.14 | Determination of polycyclic aromatic hydrocarbons (PAH) by GC/MS method | A-09-95 (ČSN EN ISO 6468) | Waste, paper, paperboard |
| A 15.15 | Determination of volatile organic substances sorbed on Tenax by GC-MS, FID methods | ISO 16000-6 ČSN EN ISO 18562-3 | Internal air (absorption tubes) Medical devices to ensure breathing |
| A 16 | Determination of substances methods | | |
| A 16.1 | Determination of chloride ions content by argentometry | ČSN EN 480-10 ČSN EN 13168+A1, Annex D1 ČSN ISO 9297 ČSN EN 196-2, art. 4.5.16 | Building products and water extracts from them |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|--|---|--|
| A 16.2 | Determination of chlorine in organic compounds by argentometry | ČSN EN ISO 1158, method B ČSN EN 1905 A-08-84, method A (ČSN EN ISO 1158) Eur .Phar., Chapter 3.1.1.1, 3.1.1.2, 3.1.10, 3.1.11, 3.1.14 Phar.Boh., Chapter 3.1.1.1, 3.1.1.2, 3.1.10, 3.1.11, 3.1.14 | Polymers on a PVC basis, cement |
| A 16.3 | Chelatometry | | |
| A 16.3.1 | Determination of Ca and Mg content | ČSN EN 196-2, art. 4.5.14, 4.5.15 | Cements |
| A 16.3.2 | Pozzolanicity test for pozzolanic cements | ČSN EN 196-5 | Cements |
| A 16.4 | Manganometry | | |
| A 16.4.1 | Determination of reducing substances content | Eur. Phar., Chapter 3 ^e), 3.2.9 Phar.Boh., Chapter 3 ^e), 3.2.9 ČSN 62 1156, art. 9 ČSN EN ISO 8871-1, Annex D A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) | Water extracts from rubbers, elastomers, plastics and consumer goods (PBU ^(a,c,d)) |
| A 16.4.2 | Determination of oxidable substances content | A-09-90 (Annex No. 20/1979 k AHEM, MoH Regulation No. 38/2001 Coll., A 84/2001 Coll., AHEM 3/2000 Acta Hygienica epidemiológica et microbiologica) A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) | Water extracts from rubbers, elastomers and consumer goods (PBU ^(a,c,d)) |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|---|---|---|
| A 16.4.3 | Determination of permanganate index | ČSN EN ISO 8467 ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) GB 31604.2-2016 | Drinking, ground, surface, raw water, water for analytic purposes, water extracts from consumer goods (PBU ^(b)) |
| A 16.5 | Iodometry | | |
| A 16.5.1 | Determination of residual peroxide | A-05-56 (Phar.Boh., supplement 2014, chapter 3.1.9 Residual peroxides; 41. Mitteilung zur Untersuchung von Kunststoffen: Bundesgesundheitsblatt 21, 261, (1978); 58. Mitteilung zur Untersuchung von Kunststoffen: Bundesgesundheitsblatt 40, (1997)) | Plastics, elastomers, rubbers, silicones |
| A 16.5.2 | Determination of free and total chlorine | ČSN ISO 7393-3 | Drinking water, water extracts from consumer goods (PBU ^(b)) |
| A 16.6 | Determination of cationic-active matter and quaternary ammonium salts | ČSN EN ISO 2871-2 | Wood preservatives, detergents, aqueous extracts |
| A 17 | Determination of substances by spectrophotometry | | |
| A 17.1 | Determination of formaldehyde by photometric method | ČSN EN 14372, art. 6.3.4 ČSN EN 71-10, art. 6 ČSN EN 71-11, art. 5.5.3 A-08-81 (ČSN EN ISO 14184-1, ČSN EN 13130-1, ČSN EN 717-3, ČSN EN 17226-2) ČSN EN 14350, čl. 8.7 | Products of child care, toys |
| | | ČSN EN ISO 14184-1 ČSN EN ISO 14184-2 A-08-81 | Textiles, water extracts from consumer goods (PBU) |

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|-----------------------------|-------------------------------------|--|---|
| | | (ČSN EN ISO 14184-1, ČSN EN 13130-1) ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) | |
| | | Phar.Boh. as amended, Chapter 2.4.18, method A | Vaccines |
| | | ČSN EN 717-3 | Wood, wood products |
| | | ČSN EN 1541 | Water extracts from paper and paperboard |
| | | A-08-81 (ČSN EN 13130-1) A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) | Extracts into food simulants of consumer goods (PBU ^(a)) |
| | | ČSN EN ISO 17226-2 | Leather |
| | | PV 3925, method B VDA 275 | Polymers, non-metallic parts of car interiors |
| | | A-19-115 (ČSN EN 717-1, ČSN EN ISO 16000-9) A-08-81 (ČSN EN 717-3, ČSN EN 717-1) | Products and semi- finished products of plastics, rubber, wood, building and construction materials |
| A 17.2 | Determination of glyoxal content | DIN 54603 | Paper, cardboard, aqueous extracts from PBU |
| A 17.3 | Determination of Cr ⁶⁺ | ČSN EN ISO 17075-1 | Leather |
| | | ČSN ISO 11083 ČSN EN ISO 18412 ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) | Drinking, raw, ground, surface, waste water, water extracts from consumer goods (PBU) and waste |
| | | ČSN EN ISO 20344, art. 6.11 | PPE – gloves, footwear |
| | | ČSN EN 196-10 | Cement, mortar |
| | | ČSN EN 62321-7-1 | Electrical products and components for electrical products |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|---|--|--|
| A 17.4 | Evidence and determination of primary aromatic amines content | ČSN 62 1156, art. 18 A-07-69 (ČSN EN ISO 13130-1, ČSN 621156) ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) | Water extracts from consumer goods (PBU), extracts from consumer goods (PBU) into food simulants |
| A 17.5 | Determination of compounds containing NH ₂ groups | A-04-44 (SHI method) ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) | Water extracts from consumer goods (PBU), extracts from consumer goods (PBU) into food simulants |
| A 17.6 | Determination of aromatic substances expressed as styrene | AHEM 13/1982, part B, b A-08-82 (ČSN EN ISO 13130-1, AHEM 13/1982) ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) | Water extracts from consumer goods (PBU), extracts from consumer goods (PBU) into food simulants |
| A 17.7 | Determination of phenols content | A-07-74 (ČSN EN ISO 13130-1, ČSN ISO 6439) ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) A-03-36 (MoH Regulation 38/2001 Coll., Annex 7, 9, 12) | Water extracts from consumer goods (PBU), extracts from consumer goods (PBU) into food simulants |
| | | ČSN ISO 6439 | Water extracts from waste |

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|-----------------------------|--|--|---|
| A 17.8 | Determination of free and total cyanides | A-02-28 (TP MDS 116, Annex No. 1.1, ČSN ISO 6703-1) ČSN ISO 6703-2 | Fill materials |
| A 17.9 | Determination of ammonia and ammonium ions | ČSN ISO 7150-1 | Drinking, raw, waste water, water extracts from waste and consumer goods (PBU) |
| A 17.10 | Reserved | | |
| A 17.11 | Determination of secondary aliphatic amines | A-09-96 (BGA Untersuchung von Bedarfgegenständen aus Gummi (1978) B II, XXI, 2.5.2.2.5) | Water extracts from consumer goods (PBU (a,c,d)) |
| A 18 | Determination of carbon content (TOC, DOC, TC, IC) by TOC analyzer | ČSN EN 1484 ČSN EN ISO 8795 A-03-34 (MoH Regulation 409/2005 Coll., Annex 1) | Drinking, ground, surface, waste water, water for analytic purposes, water extracts from consumer goods (PBU ^(b)) |

¹ asterisk at the ordinal number identifies the tests carried out outside/also outside the Laboratory premises

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes)

³ the following table lists the determined parameters

| Ordinal number in appendix | Determined parameters |
|----------------------------|--|
| A 2.2 | Acids: lauric, palmitic, erucic, oleic, tartaric, acetic, sulfuric |
| A.13.1.1 | Na, Mg, Al, Si, P, S, Cl, Ar, K, Ca, Sc, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, Ga, Ge, As, Se, Br, Kr, Rb, Sr, Y, Zr, Nb, Mo, Tc, Ru, Rh, Pd, Ag, Cd, In, Sn, Sb, Te, I, Xe, Cs, Ba, La, Hf, Ta, W, Re, Os, Ir, Pt, Au, Hg, Tl, Pb, Bi, Po, At, Rn, Fr, Ra, Ac, Ce, Pr, Nd, Pm, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Th, Pa, U |
| A.13.1.2 | Ag, Al, As, Au, Ba, Bi, Br, Ca, Cd, Ce, Cl, Co, Cr, Cu, Fe, Ga, Hg, In, Ir, K, La, Mg, Mn, Mo, Na, Nb, Nd, Ni, Os, P, Pb, Pd, Pr, Pt, Rb, Rh, Ru, S, Sb, Se, Si, Sn, Sr, Ta, Te, Ti, Th, Tl, U, V, W, Y, Zn, Zr |
| A.13.3 | Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Pd, S, Sb, Se, Si, Sn, Sr, Ti, V, Zn, Zr |
| A 13.6 | Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Eu, Fe, Gd, Hg, K, La, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Si, Sn, Sr, Tb, Ti, Tl, V, Zn, Zr |
| A 13.7 | Al, Sb, As, Ba, B, Cd, Cr, Cr ³⁺ , Cr ⁶⁺ , Co, Cu, Pb, Mn, Hg, Ni, Se, Sr, Sn, Zn |

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| Ordinal number in appendix | Determined parameters |
|----------------------------|--|
| A.14.1 | <p>Lauro lactam (CAS 947-04-6); ε-caprolactam (CAS 105-60-2); caprolactone (CAS 502-44-3); melamine (CAS 108-78-1); 1,3,5-tris(3,5-di-terc.butyl-4-hydroxybenzyl)-1,3,5-triazin-2,4,6-1H,3H,5H-trion (Irganox 3114, Dovemox 3114, CAS 27676-62-6); distearyldithiopropanoate (DSTDP, Irganox PS 802, CAS 693-36-7); didodecyl-3,3-sulfanyldiylpropanoate (DLTDP, Irganox PS 800, CAS 123-28-4); Octadecyl-[3-(3,5-di-terc.butyl-4-hydroxyphenyl)propionate] (Irganox 1076, CAS 2082-79-3); Tris(2,4-di-terc.butylphenyl)phosphite (Irgafos 168, CAS 31570-04-4); bis(2,4-di-terc-butylphenyl)-pentaerythritol-diphosphite (Ultranox 626, Irgafos 126, CAS 26741-53-7); bis(2,4-dikumylphenyl)pentaerythritoldiphosphite (Doverphos S 9228, CAS 154862-43-8); 2,6-dimethylfenol (CAS 576-26-1); Aluminium Hydroxybis(2,2'-metylenbis(4,6-di-terc-butylphenyl)phosphate (HADPO, CAS 151841-65-5); 2-merkaptobenzthiazol (MBT, CAS 149-30-4); 2,2-bis(4-hydroxyphenyl)propane (Bisphenol A, CAS 80-05-7); BADGE (CAS 1675-54-3) and its derivatives. H₂O (CAS 76002-91-0); . 2 H₂O (CAS 5581-32-8), . HCl (CAS 13836-48-1), . 2HCl (CAS 4809-35-2), . H₂O.HCl (CAS 227947-06-0) ; BFDGE (CAS 2095-03-6); tris(nonylphenyl)phosphite (TNPP, CAS 26523-78-4); 2,6-di(terc.butyl)-4-methylphenol (butylhydroxyphenol, BHT, CAS 128-37-0); 2,2'-methylenebis(6-t-butyl-4-methylphenol) (AOX 2246, CAS 119-47-1); triethylenglykol-bis-[3/(3-terc-butyl-4-hydroxy-5-methylphenyl)propanoate] (Irganox 245, CAS 36443-68-2); N,N-hexan-diylbis[3-(3,5-di-terc-butyl-4-hydroxyphenyl)propanoate] (Irganox 1098, CAS 23128-74-7); trimelitic acid (CAS 528-44-9); methacrylic acid (CAS 79-41-4); maleic acid (CAS 110-16-7); isophthalic acid (CAS 121-91-5); terephthalic acid (CAS 100-21-0); 1,3,5-tris(3,5-di-terc-butyl-4-hydroxybenzyl)-2,4,6-trimethylbenzene (Irganox 1330, CAS 1709-70-2); Pentaerythrityl-tetrakis[3-(3,5-bis-terc-butyl-4-hydroxyphenyl)propionate] (Irganox 1010, CAS 6683-19-8); stearic acid (CAS 57-11-4); 2,6-toluen diisocyanate (CAS 91-08-7); diphenylmethan-4,4'-diisocyanate (CAS 101-68-8); toluen-2,4-diisocyanate (CAS 584-84-9); hexamethylendiisocyanate (CAS 822-06-0); cyclohexylisocyanate (CAS 3173-53-3); naftalen-1,5-diisocyanate (CAS 3173-72-6); diphenylmethan-2,4'-diisocyanate (CAS 5873-54-1); dimer toluen-2,4-diisocyanate (2,4-TDI dimer, CAS 26747-90-0); phenylisocyanate (CAS 103-71-9); acrylamide (CAS 76-06-1); phenol (CAS 108-95-2); Chimisorb 944 (CAS 71878-19-8); Tinuvin 622 (CAS 065447-77-0); acrylic acid (CAS 0079-10-7); Doverphos S9228 (CAS 154862-43-8); 2-(2'-Hydroxy-3'-tert-butyl-5'-methylphenyl)-5-chlorobenzotriazole (Tinuvin 326, CAS 3896-11-5); 2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)-5-chlorobenzotriazole (Tinuvin 327, CAS 3864-99-1); 2-(2H-benzotriazol-2-yl)-p-cresol (Tinuvin P, CAS 2440-22-4); 2,5-thiophenediylbis(5-tert-butyl-1,3-benzoxazole (Uvitex OB, CAS 7128-64-5); (2-hydroxy-4-octoxyphenyl) phenylmethanone (Chimassorb 81, CAS 1843-05-6); Calcium bis[monoethyl(3,5-di-terc-butyl-4-hydroxybenzyl)phosphonate] (Irganox 1425, CAS 65140-91-2); tetrakis(2,4-di-terc-butyl-phenyl)-4,4'-biphenylylene diphosphonite (Sandostab EPQ, CAS 38613-77-3); p-cresol-dicyclopentadiene-isobutylene, copolymer (Wingstag L, CAS 68610-51-5); ethylene glycol bis[3,3-bis(3-tert-butyl-4-hydroxyphenyl)butyrate] (CAS 32509-66-3), 2,4-bis(oktylthiomethyl)-6-methylfenol (Irganox 1520, CAS 110553-27-0), 2,4-bis(dodecylthiomethyl)-6-methylfenol (Irganox 1726, CAS 110675-26-8)</p> |
| A.14.2 | <p>Disperse blue I (CAS 2475-45-8); Disperse Blue 106 (CAS 12223-01-7); Disperse Blue 124 (CAS 61951-51-7); Disperse Orange 3 (CAS 730-40-5); Disperse Orange 37 (CAS 13301-61-6); Solvent Yellow 1 (CAS 60-09-3); Solvent Yellow 2 (CAS 60-11-7);</p> |

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|----------------------------|--|
| | Solvent Yellow 3 (CAS 97-56-3); Basic Red 9 (CAS 569-61-9); Basic Violet 1 (CAS 8004-87-3); Basic Violet 3 (CAS 548-62-9); Disperse Blue 3 (CAS 2475-46-9); Disperse Yellow 3 (CAS 2832-40-8); Disperse Red 1 (CAS 2872-52-8); Acid Red 26 (CAS 3761-53-3); Acid Red 49 (CAS 1694-09-3) |
| A.14.3 | Diisononylphthalate (CAS 28553-12-0); dibutylphthalate (CAS 84-74-2); butylbenzylphthalate (CAS 85-68-7); bis (2-ethyl)-hexylphthalate (CAS 117-81-7); di-n-octylphthalate (CAS 117-84-0); diisodecylphthalate (CAS 26761-40-0); dimethylphthalate (CAS 131-11-3); diethylphthalate (CAS 84-66-2); dipropylphthalate (CAS 131-16-8); diamylphthalate (CAS 131-18-0); di-2-propylheptylphthalate (CAS 53306-54-0); Di(ethylhexyl)terephthalate (CAS 6422-86-2); bis(2-ethylhexyl)adipate (CAS 103-23-1) |
| A.14.4 | Naphtalene (CAS 91-20-3); acenaphtylene (CAS 208-96-8); acenaphtene (CAS 83-32-9); fuorene (CAS 86-73-7); phenantrene (CAS 85-01-8); anthracene (CAS 120-12-7); fluorantene (CAS 206-44-0); pyrene (CAS 129-00-0); benzo(a)anthracene (CAS 56-55-3); chrysene (CAS 218-01-9); benzo(e)pyrene (CAS 205-892-7); benzo(j)fluorantene (CAS 205-82-3); benzo(b)fluorantene (CAS 205-99-2); benzo(kj)fluorantene (CAS 207-08-9); benzo(a)pyrene (CAS 50-32-8); dibenzo(a,h)anthracene (CAS 53-70-3); indeno(1,2,3-c,d)pyrene (CAS 193-39-5); benzo(g,h,i)perylene (CAS 191-24-2) |
| A.14.5 | Primary aromatic amines: 4-amino-biphenyl (PAA-1, CAS 92-67-1); benzidine (PAA-2, CAS 92-87-5); 4-chloro-o-toluidine (PAA-3, CAS 95-69-2); 2-naphtylamine (PAA-4, CAS 91-59-8); o-Aminoazotoluene (PAA-5, CAS 97-56-3); 2-amino-4-nitro-toluene (PAA-6, CAS 99-55-8); p-chloro-aniline (PAA-7, CAS 106-47-8); 2,4-diamino-anisol (PAA-8, CAS 615-05-4); 4,4'-diamino-diphenylmethane (PAA-9, CAS 101-77-9); 3,3'-dichlorobenzidine (PAA-10, CAS 91-94-1); 3,3'-dimetoxibenzidine (PAA-11, CAS 119-90-4); 3,3'-Dimethyl-benzidine (PAA-12, CAS 119-93-7); 3,3'-dimethyl-4,4'-diaminodiphenylmethane (PAA-13, CAS 838-88-0); p- Cresidine (PAA-14, CAS 120-71-8); 4,4'-metylen-bis(2-chloroaniline) (PAA-15, CAS 101-14-4); 4,4'-oxy-dianiline (PAA-16, CAS 101-80-4); 4,4'-thiodianiline (PAA-17, CAS 139-65-1); o-toluidine (PAA-18, CAS 95-53-4); 2,4-toluendiamine (PAA-19, CAS 95-80-7); 2,4,5-trimethylaniline (PAA-20, CAS 137-17-7); o-Anisidine (PAA-21, CAS 90-04-0); o-Aminoazobenzene (PAA-22, CAS 60-09-3); 2,4-dimethylaniline (PAA-23, CAS 95-68-1); 2,6-dimethylaniline (PAA-24, CAS 87-62-7); 1,5-Naphtalendiamine (PAA-25, CAS 2243-62-1), aniline (PAA-26, CAS 62-53-3); 2-Chloroaniline (PAA-27, CAS 95-51-2); 3-Chloroaniline (PAA-28, CAS 108-42-9); p-Toluidine (PAA-29, CAS 106-49-0); 1,4-phenylendiamine (PAA-30, CAS 106-50-3); 2,6-Toluendiamine (PAA-31, CAS 823-40-5); N,N-dimethylaniline (PAA-32, CAS 121-69-7); 2,2'-Methylendianiline (PAA-33, CAS 6582-52-1); 2,4'-methylene-dianiline (PAA-34, CAS 1208-52-2); bis(4-aminophenyl)sulfone (PAA-35, DAPSONE; CAS 80-08-0); 2-aminobenzamide (PAA-36, ANTHRANILAMID; CAS 88-68-6); 1,3-phenylendiamine (PAA-37, CAS 108-45-2); 1,3-bis(aminomethyl)benzene (PAA-38, Xylylenediamine; CAS 1477-55-0); 2,5-Dimetoxi-4-chloroaniline (PAA-39, CAS 6358-64-1); 2,5-Dichloroaniline (PAA-40, CAS 95-82-9); o-Phenytidine (PAA-41, CAS 94-70-2); 4-Aminobenzamide (PAA-42, CAS 2835-68-9); 2-Aminonaphtalen-1-sulphonic acid (PAA-43, CAS 81-16-3); p-Toluidine-o-sulphonic acid (PAA-44, CAS 88-44-8); 4-Methylaminosulfonyl-p-cresidine |

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| | (PAA-45, CAS 49564-57-0); 5-Aminobenzimidazolone (PAA-46, CAS 95-23-8); 3-Amino-9-ethylcarbazole (PAA-47, CAS 132-32-1); 1,2-Phenylendiamine (PAA-48, CAS 95-54-5); 5-Amino-6-methylbenzimidazolone (PAA-49, CAS 67014-36-2), 4,4'-Methylene bis(3-chloro-2,6-diethylaniline) (PAA-50, CAS 106246-33-7); 4-ethoxyaniline (PAA-51, CAS 156-43-4); 2-aminodiphenyl (PAA-52, CAS 90-41-5) |
| A 14.6 | Fluorides, chlorides, nitrites, nitrates, bromides, sulphates, hydrophosphates, sulphites, iodides, thiosulphates, thiocyanates |
| A 14.7 | Fluorides, chlorides, bromides, iodides, sulphates, sulphites |
| A 14.9 | Benzophenone (CAS 119-61-9); Σ Methyl-benzophenones; 1,2-Benzoisothiazol-3(2H)-one (BIT, CAS 2634-33-5); N,N-bis(2-hydroxyethyl)alkyl (C8-C18) amine (ATMER 163, CAS 71786-60-2); Hexamethyldiamine (HMDA, CAS 124-09-4); Dibutylphthalate (DBP, CAS 84-74-2); Bis(2-ethylhexyl)-phthalate (BEHP, CAS 117-81-7); O-propylbis-O-(4-propylbenzyliden)sorbitol (Millad NX8000, CAS 882073-43-0); Acetyl tributyl citrate (CAS 77-90-7); Didecyl dimethyl ammonium chloride (DDAC, CAS 7173-51-5); Benzalkonium chloride (BAC, CAS 8001-54-5); D-sorbitol (CAS 50-70-4); Poly(ethylene glycol) (PEG 400, CAS 25322-68-3); Bisphenol S (CAS 80-09-1); Cis-endo-bicyclo (2.2.1)heptane-2,3-dicarboxylic acid, disodium salt (Ref. 38507, CAS 351870-33-2); Cis-cyclohexane-1,2-dicarboxylic acid, calcium salt (Ref. 45704, CAS 491589-22-1); 2,2'-Methylenebis(4-ethyl-6-tert-butylphenol) (Antioxidant 425, CAS 88-24-4); Disperse Blue 106 (CAS 12223-01-7); Disperse Blue 124 (CAS 61951-51-7); Disperse Orange 3 (CAS 730-40-5); Disperse Orange 37 (CAS 13301-61-6); Solvent Yellow 1 (CAS 60-09-3); Solvent Yellow 2 (CAS 60-11-7); Solvent Yellow 3 (CAS 97-56-3); Basic Red 9 (CAS 569-61-9); Basic Violet 1 (CAS 8004-87-3); Basic Violet 3 (CAS 548-62-9); Disperse Blue 3 (CAS 2475-46-9); Disperse Yellow 3 (CAS 2832-40-8); Disperse Red 1 (CAS 2872-52-8); Acid Red 49 (CAS 1694-09-3); Disperse blue I (CAS 2475-45-8); Acid Red 26 (CAS 3761-53-3); Methylpalmitate (CAS 112-39-0); Tri-o-cresyl phosphate (CAS 78-30-8); 2-Hydroxy-2-methylpropiophenone (Photoinitiator 1173, CAS 7473-98-5); 5-Chloro-2-methyl-3(2H)-isothiazolone with 2-methyl-3(2H)-isothiazolone (Kathon 886, CAS 55965-84-9); 2,2-Dimethyl-1,3-propanediol (Neopentyl glycol, CAS 126-30-7); Nonylphenol (CAS 84852-15-3); octylphenolethoxylates (OPEO, Triton X-100, CAS 9002-93-1); nonylphenolethoxylates (NPEO, Arkopal N-100, CAS 9016-45-9); Pentachlorophenol (PCP, CAS 87-86-5); 1-Hydroxycyclohexyl phenyl ketone (Irgacure 184, CAS 947-19-3); 4-tert-butylcatechol (TBC, CAS 98-29-3); Pentadecafluorooctanoic acid (PFOA, CAS 335-67-1); Heptadecafluorooctanesulfonic acid (PFOS, CAS 1763-23-1); 2-Mercaptobenzothiazole (MBT, CAS 149-30-4); N,N-Diethanololeamide (CAS 93-83-4); Diethanolamine (CAS 111-42-2); Tris(2-chloroethyl) phosphate (CAS 115-96-8); Cypermethrin (CAS 52315-07-8); Propiconazol (CAS 60207-90-1); Tebuconazol (CAS 107534-96-3); Iodopropynyl butylcarbamate (CAS 55406-53-6); 1,1,1-Trimethylolpropane (TMP, CAS 77-99-6); 2-Methyl-4-isothiazolin-3-one (MIT; CAS 2682-20-4); Methylchloroisothiazolinone (CMIT; CAS 26172-55-4); CMIT/MIT mixture (CAS 55965-84-9); Tris(2-chloroethyl) phosphate (TCEP; CAS 115-96-8); Tris(1-chloro-2-propyl) phosphate (TCPP; CAS 13674-84-5); Tris(1,3-dichloro-2-propyl) phosphate (TDCP; CAS 13674-87-8); fenoxycarb (CAS 72490-01-8); flufenoxuron (CAS 101463-69-8); triethanolamine (CAS 102-71-6); octylphosphonic |

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|----------------------------|---|
| | acid (CAS 4724-48-5); Trisopropanolamine (CAS 122-20-3); Di(propylene glycol) methyl ether (CAS 34590-94-8); Cyproconazol (CAS 94361-06-5) |
| A 14.10 | Formaldehyde (CAS 50-00-0); glutaraldehyde (CAS 111-30-8); acetaldehyde (CAS 75-07-0); methylethylketone (CAS 78-93-3); acetone (CAS 67-64-1); acrolein (CAS 107-02-8); propionaldehyde (CAS 725-00-8); butyrylaldehyde (CAS 1527-98-6); benzaldehyde (CAS 1157-84-2); crotonaldahyde (CAS 4170-30-3); isovaleraldehyde (CAS 590-86-3); valeraldehyde (CAS 110-62-3); o-tolualdehyde (CAS 529 -20 -4); m-tolualdehyde (CAS 620-23-5); p-tolualdehyde (CAS 104-87-0); hexanal (CAS 66-25-1) |
| A 14.11 | Trizma base (CAS 77-86-1); Bis-methylesterisophthalate (dimethylester of isophthalic acid, CAS 1459-93-4); Ultrinox 626 (CAS 26741-53-7); Uvitex OB (CAS 7128-64-5); Diisononylphthalate (DINP, CAS 28553-12-0); Diisodecylphthalate (DIDP, CAS 26761-40-0); Bis(2-ethylhexyl)adipate (CAS 103-23-1); Dimethyl-5-sulfoisophthalate (CAS 3965-55-7); Triisopropanolamine (CAS 122-20-3); Bisphenol A (CAS 80-05-7); Nonylphenol (CAS 84852-15-3); Glyphosate (CAS 1071-83-6); Aminomethylphosphonic acid (AMPA, CAS 1066-51-9); Cis-cyclohexane-1,2-dicarboxylic acid, calcium salt (CAS 491589-22-1); N,N-bis(2-hydroxyethyl)alkyl (C8–C18)amine (Atmer 163, CAS 71786-60-2); Hexamethyldiamine (HMDA, CAS 124-09-4), Octylphosphonic acid (CAS 4724-48-5); Pentadekafluorooctanoic acid (PFOA, CAS 335-67-1), Heptadekafluorooctanesuphonic acid (PFOS, CAS 1763-23-1) |
| A.15.1 | Vinylchloride (CAS 75-01-4); vinylacetate (CAS 108-05-4); acrylonitrile (CAS 107-13-1); acetaldehyde (CAS 75-07-0); styrene (CAS 100-42-5); ethylbenzene (CAS 100-41-4); 1,3-butadiene (CAS 106-99-0); benzene (CAS 71-43-2); buthyl methacrylate (CAS 97-88-1); methylmethacrylate (CAS 80-62-6); methyl acrylate (CAS 96-33-3); ethyl acrylate (CAS 140-88-5); butyl acrylate (CAS 141-32-2); ethyl methacrylate (CAS 97-63-2.); monoethylenglycol (CAS 107-21-1); diethylenglycol (CAS 111-46-6); water (CAS 7732-18-5), 1-hexene (CAS 592-41-6); tetrahydrofurane (CAS 109-99-9); 1,4-butandiole (CAS 110-63-4); 1-octene (CAS 111-66-0) |
| A.15.2 | Benzene (CAS 71-43-2); toluene (CAS 108-88-3); o,m,p-xylenes (CAS 95-47-6, 108-38-3, 106-42-3); ethylbenzene (CAS 100-41-4), styrene (CAS 100-42-5); trichloroethylene (CAS 79-01-6); tetrachloroethylene (CAS 127-18-4); chloroform (CAS 67-66-3); bromoform (CAS 75-25-2); dibromochloromethane (CAS 124-48-1); bromodichloromethane (CAS 75-27-4); p-dichlorobenzene (CAS 106-46-7); o-dichlorobenzene (CAS 95-50-1); 1,2 dichloroethane (CAS 107-06-2); ethylacetate (CAS 141-78-6); methanol (CAS 67-56-1); cyclohexanone (CAS 108-94-1); 2-methoxyethylacetate (CAS 110-49-6); 2-methoxyethanol (CAS 109-86-4); 2-ethoxyethylacetate (CAS 111-15-9); bis(2-methoxyethylether) (CAS 111-96-6); 2-methoxypropylacetate (CAS 70657-70-4); 3,5,5-trimethyl-2-cyclohexen-1-on (Isophoron, CAS 78-59-1); nitrobenzene (CAS 98-95-3); dichloromethane (CAS 75-09-2) |

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| A.15.4 | Diisononylphthalate (benzenedicarboxylic acid 1,2-diisononyl ester, CAS 28553-12-0); dibutylphthalate (CAS 84-74-2); butylbenzylphthalate (CAS 85-68-7); bis (2-ethyl)-hexylphthalate (CAS 117-81-7); di-n-octylphthalate (CAS 117-84-0); diisodecylphthalate (CAS 26761-40-0); n-octyl-n-decylphthalate (CAS 119-07-3); didecylphthalate (CAS 84-77-5); diisobutylphthalate (CAS 84-69-5); di-n-pentylphthalate (CAS 131-18-0); di-n-hexylphthalate (CAS 84-75-0); dicyclohexylphthalate (CAS 84-61-7); 1,2- (CAS 28553-12-0); 1,2-benzenedicarboxylic acid, di-C8-10 branched alkyl esters (CAS 68515-48-0) |
| A.15.5 | 2-ethyl-1-hexanol (CAS 104-76-7); oleamide (CAS 301-02-0); aniline (CAS 62-53-3), hydrocarbons with carbon number less than C25, DiPropylenGlycolMethylEther (DPGME, CAS 34590-94-8); nonylphenol (CAS 104-40-5); Tris(2,4-di-terc.butylphenyl)phosphite (Irgafos 168, CAS 31570-04-4); dimethylformamide (CAS 68-12-2); formamide (CAS 75-12-7); dimethyl fumarate (CAS 624-49-7); 9,9-bis(methoxymethyl)fluorene (CAS 182121-12-6) |
| A.15.11 | Pentachlorophenol (CAS 87-86-5); 2,4-dichlorophenol (CAS 120-83-2); 2,4,6-trichlorophenol (CAS 88-06-2); 2,4,5-trichlorophenol (CAS 95-95-4) |
| A.15.12 | PCB Congeners: 18, 28, 52, 101, 118, 138, 153, 180 |
| A 15.14 | Naphtalene (CAS 90-21-3); acenaphthylene (CAS 208-96-8); acenaphthene (CAS 83-32-9); fluorene-1 (CAS 86-73-7); phenantrene (CAS 85-01-8); anthracene (CAS 120-12-7); fluorantene (CAS 206-44-0); pyrene (CAS 129-00-0); benzo(a)anthracene (CAS 56-55-3); chrysene (CAS 218-01-9); benzo(e)pyrene (CAS 192-97-2); benzo(j)fluorantene (CAS 205-82-3); benzo(b)fluorantene (CAS 205-99-2); benzo(k)fluorantene (CAS 207-08-9); benzo(a)pyrene (CAS 50-32-8); dibenzo(a,h)anthracene (CAS 53-70-3); indeno(1,2,3-c,d)pyrene (CAS 193-39-5, benzo(g,h,i,)perylene CAS 191-24-2 |

Annex:

Flexible scope of accreditation

| Ordinal numbers of tests |
|---|
| F2, F8, P8, T1-T8, KU1, K1-K12, A1-A7, A8.1, A8.2, A9-A18 |

The Laboratory is allowed to modify the test methods listed in the Annex within the specified scope of accreditation provided the measuring principle is observed. The flexible approach to the scope of accreditation cannot be applied to the tests not included in the Annex.

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2. Physics and Mechanics Laboratory

Tests:

| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|---|--|---|---|
| SHOES AND PERSONAL PROTECTIVE EQUIPMENTS TESTING | | | |
| KU 2 | Determination of resistance to high speed particles | ČSN EN 168, art. 9 | PPE – shields, glasses |
| PHYSICAL TESTS | | | |
| F 1 | General physical characteristics of materials | | |
| F 1.1 | Determination of density | ČSN ISO 2781 ISO 2781 ČSN EN ISO 1183-1, method A ČSN EN ISO 17855-1, art. 3.4.2 | Plastics, rubber, products from there, plastic pipes and fittings |
| | | ČSN 65 0342 | Liquid chemical products |
| F 1.2 | Determination of apparent density | ČSN EN ISO 845 | Expanded plastics, rubber, thermal insulating products |
| F 1.3 | Determination of apparent density | ČSN EN ISO 60 | Plastics, loose materials |
| F 1.4 | Determination of homogeneity of material | DVGW GW 335-A2, art. 5.2.3, 5.4.6 DVGW GW 335-B2, art. 5.2.3 ČSN ISO 18553+Amd.1, art. 4.1.1 | Plastic pipes and adapting piece |
| F 2 | Viscosity characteristics | | |
| F 2.4 | Determination of melt flow rate of thermoplastics | ČSN EN ISO 1133-1 DVGW GW 335-A2, art. 5.2.1, 5.4.8 DVGW GW 335-B2, art. 5.2.1, 5.4.7 DVGW W 534 (P), art. 10.2.4 | Plastics, pipes, adapting pieces, plastic connectors |
| F 3 | Diffusion of liquids and gases | | |
| F 3.1 | Water vapour permeability by gravimetric method. | ČSN 77 0332 ČSN EN ISO 12572, Annex C | Foils |
| F 3.2 | Determination of gas permeability | DIN 53380-2 | Plastics and rubbers |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|---|---|--|
| F 3.3 | Determination of water absorption | ČSN EN ISO 62 ČSN 64 5421 | Plastics, expanded materials |
| F 4 | Resistance tests against liquids and other substances | | |
| F 4.1 | Determination of dichloromethane resistance | ČSN EN ISO 9852 | Pipes |
| F 4.2 | Determination of resistance to effect of liquids | ČSN ISO 1817 F-18-41 (ČSN EN ISO 2812-3 ČSN EN ISO 2812-4) ČSN EN ISO 2812-3 ČSN EN ISO 2812-4 FLTM BI 168-01 TL 226, art. 4.7 PV 3964 TL 52704, art. 5.14 BMW AA-0053 TL 211, tab. 2 ČSN EN 60811-406, method B | Product from rubbers, plastics, vehicle parts |
| | | ČSN EN 1120 ISO 10952 | GRP pipes |
| F 5 | Determination of electrical insulation properties by volt-ampere method | DVGW GW 335-B2, art. 5.4.4 | Plastic adapting pieces |
| | | ČSN EN 12477, art. 5.10 ČSN EN 1149-2 ČSN EN 1149-1 ČSN EN 1081+A1, method A ISO 10965, method B | Textile, leather, products of them, footwear, PPE - protective clothing, floorings |
| | | ČSN IEC 167: 1993 ČSN EN 62631-3-1 ČSN EN 62631-1 ČSN EN 62631-3-2 | Plastics, rubber, textile, wood |
| F 6 | Determination of thermal properties | | |
| F 6.1 | Determination of thermal properties by DSC method | ČSN EN ISO 11357-1 ČSN EN ISO 11357-2 ČSN EN ISO 11357-3 ISO 18373-1 ISO 18373-2 | Plastics, rubbers |
| F 6.2 | Determination of the limit of brittleness temperature | ČSN 62 1554 | Product from rubbers |

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|-----------------------------|---|---|--|
| F 6.3 | Determination of thermo-oxidative stability | ČSN EN 728 DVGW GW 335-A2, art. 5.2.7 DVGW GW 335-B2, art. 5.2.7 ČSN EN ISO 11357-6 | Plastics, plastic pipes, plastic connectors |
| F 6.4 | Determination of Vicat softening temperature | ČSN EN ISO 306 ČSN ISO 2507-1 ČSN ISO 2507-2 ČSN EN ISO 2507-3 DVGW W 534 (P), art. 10.2.3 | Plastics, plastic pipes, plastic connectors |
| F 6.5. | Determination of temperature of deflection under load | ČSN EN ISO 75-1 ČSN EN ISO 75-2 ČSN EN ISO 75-3 | Plastics |
| F 6.6 | Determination of thermal conductivity using non-stationary method | F-02-32 (Manual of ISOMET 2104) | Plastics, rubber, textile, building products |
| F 6.7 | Reserved | | |
| F 6.8 | Determination of heat contact transmission | ČSN EN ISO 12127-1 | Textile, leather, rubber, plastics, PPE - protective clothing |
| F 6.9 | Thermogravimetric analysis (TGA) | PV 3927 ČSN EN ISO 11358-1 | Rubber, plastics |
| F 7 | Determination of resistance against ageing | | |
| F 7.1 | Test by accelerated thermal ageing in air | ČSN ISO 188 F-17-39 (ČSN ISO 188) DIN 53497 DIN 53508 | Rubber and plastic products, vehicle parts |
| | | ISO 12091 ČSN ISO 17484-1, Annex D DVGW W 534 (P), art. 10.2.9 ČSN EN ISO 2578 | Structured-wall pipes |

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|-----------------------------|---|---|--|
| F 7.2 | Artificial aging test | ČSN EN ISO 4892-2 DVGW GW 335-A2, art. 5.2.6 DVGW GW 335-B2, art. 5.2.6 PV 1303 PV 3929 PV 3930 PV 1306 DIN 75220 F-15-38 (DVM -0006-EX- alternative method) DVM -0006-EX- alternative method MAN 3499-1, cl. 6.17 17.00-E-4761, cl. 5.11 | Plastics (e.g. plastic products, pipes and fittings, PVC films and sheets, rubber, vehicle parts, surface finishes and coatings) |
| | | ČSN EN ISO 20471, art. 5.2 ČSN EN 20105-A02 ČSN EN ISO 105-A03 ČSN EN ISO 105-A05 ČSN EN ISO 105-B02 ČSN EN ISO 105-B06 | Textiles, PPE - protective clothing |
| | | ČSN EN 168, art. 6 ČSN EN 1938, art. 5.7 | PPE – protective glasses, frames of glasses |
| F 7.3 | Natural aging test | ČSN 64 0245 ČSN EN ISO 877-1 ČSN EN ISO 877-2 ČSN EN ISO 16871 | Products from plastic and rubber |
| F 7.4 | Determination of ozone resistance | ČSN EN ISO 7326 | Hoses |
| | | ČSN ISO 1431-1, except art. 11 | Rubber products |
| F 7.5 | Determination of resistance to climatic changes | PV 1200 PV 2005 GMW 15310, art. 4.3.4 F-18-40 (ČSN EN ISO 6270-2, ČSN EN ISO 1110, PV 1200, PV 2005, PR 303.5, PR 308.2, PSA D47 1309:2009, | Rubber and plastic products, vehicle parts |

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|-----------------------------|--|---|--|
| | | PSA D47 1165:2011, TPJLR 52.353:2008, TPJLR 52.351:2011, WSS-M15P4-F:2015, art. 3.3.1, WSS M99P32-C, art. 3.7, 3.8.1:2013, WSS M9P8-B:2009, art. 3.4.1 a 3.4.3 TL 226) | |
| F 8 | Flammability of materials and products | | |
| F 8.1 to F 8.3 | Reserved | | |
| F 8.4 | Determination of flame resistance | ČSN EN ISO 340 | Conveyor belts |
| | | ČSN EN 12983-1, Annex A | Cookware |
| F 8.5 | Determination of resistance to ignition | ČSN EN ISO 3821, Annex A | Hoses |
| F 8.6 | Determination of inflammability and time of spontaneous burning | ČSN EN ISO 3582 | Rubber, plastics, foamed plastics |
| F 8.7 | Determination of inflammability, cigarette flammability test | ČSN EN 1021-1 ČSN EN 597-1 | Upholstered furniture, mattresses and beds |
| F 8.8 | Determination of inflammability, safety match-flammability test | ČSN EN 1021-2 ČSN EN 597-2 | Upholstered furniture, mattresses and beds |
| F 8.9 | Determination of heat transmission on exposure to flame | ČSN EN ISO 9151, method B ISO 9151, method B | Textile, leather, rubber, plastics, protective clothing, PPE |
| F 8.10 | Determination of materials inflammability | ČSN 64 0149 | Flammable materials |
| F 8.11 | Determination of flash point by Cleveland open cup method | ČSN EN ISO 2592 | Petroleum products, chemicals |
| F 8.12 | Ignitability of products subjected to direct impingement of flame - Single-flame source test | ČSN EN ISO 11925-2 | Building products |

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|---|--|---|---|
| F 8.13 | Test method for resistance to ignition | ČSN EN 168, art. 7 ČSN EN ISO 12311, art. 9.9 | PPE – protective shields, glasses, visors |
| | | ČSN EN 149+A1, art. 8.6 ČSN EN 136, art. 8.5.1 ČSN EN 13274-4, method 2, 3 | PPE – face masks |
| F 8.14 | Determination of burning rate | ČSN ISO 3795 DIN 75200 TL 1010 FMVSS 302 (49 CFR PART 571) | Materials used in car interiors |
| F 9 | Other tests | | |
| F 9.1 | Determination of ash content, loss on ignition by gravimetric method | ISO 3451-2 ČSN EN ISO 3451-1 ČSN EN ISO 3451-4 ČSN EN ISO 1172 | Plastics |
| F 9.2 | Determination of colour coordinates, colour difference, gloss value | VW 50190 ČSN EN ISO 2813 | Structural parts of vehicles, plastics, textile, varnished parts, paints and varnishes |
| F 9.3 | Visual test of surface and material quality | ČSN EN 167, art. 5 ČSN EN 166, art. 7.1.3 | PPE – eye-protection |
| F 9.4 | Determination of volatiles content | ČSN EN 12099 DVGW GW 335-A2, art. 5.2.2 DVGW GW 335-B2, art. 5.2.2 | Product from plastics |
| F 9.5 | Fogging test – reflectometric method | DIN 75201, part A | Non-metallic products used in car interiors |
| F 9.6 | Fogging test – gravimetric method | DIN 75201, part B PV 3015 (VW) | Non-metallic products used in car interiors |
| F 9.7 | PE-X pipes degree of crosslinking | ČSN EN ISO 10147 DVGW W 534 (P), art. 10.2.5 | Plastic pipes, adapting pieces and plastic connectors |
| TESTING OF MECHANICAL PROPERTIES | | | |
| P 1 | Strength characteristics | | |
| P 1.1 | Determination of tensile properties | ČSN ISO 37 SN EN ISO 527-1 ČSN EN ISO 527-2 | Rubber and plastic products, synthetic leathers, unvulcanised |

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|-----------------------------|------------------------------|--|---|
| | | ČSN EN ISO 527-3 ČSN EN ISO 527-4 ČSN EN ISO 527-5 ABNT NBR 15557, art. 5.1, 5.2, 5.5 | rubber compounds, tyre tubes |
| | | ČSN 26 0370, art. 60-71 ČSN EN ISO 283 | Textile cord reinforced conveyor belts, tubular dams |
| | | ČSN EN ISO 6259-1 ČSN EN ISO 6259-2 ČSN EN ISO 6259-3 DVGW GW 335-A2, art. 5.4.9 ČSN EN 1393 ISO 8513 ČSN EN 61386-1, ed. 2, part. 10.7 ČSN ISO 18488 | Pipes |
| | | ČSN ISO 18489 | Pipes |
| | | ČSN EN 14800, art. 5.7.2 | Safety flexible wave metallic hoses |
| | | ČSN EN 12814-6 ČSN EN 12814-7 | Welded joints of half-finished products from thermoplastics |
| | | ČSN EN ISO 13262 | Thermoplastic wounded pipes |
| | | ČSN 77 0140, art. 50-61 | Welded joints of packaging materials |
| | | ČSN EN 12814-2 | Welded joints of thermoplastics |
| | | ČSN ISO 13953 DVGW GW 335-B2, art. 5.5.6 DVGW GW 335-A2, art. 5.2.8 DVGW GW 335-B2, art. 5.2.8 | Welded joints of pipes |
| | | ČSN EN ISO 1798 | Cellular materials |

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|-----------------------------|--|--|---|--|
| P 1.2 | Testing of welded joints of thermoplastics | ČSN EN 12814-4 ČSN ISO 13955 ČSN ISO 13954 DVGW GW 335-B2, art. 5.5.3 ČSN ISO 13956 | Welded joints | |
| P 1.3 | Test method for resistance to pull-out under constant longitudinal force | ČSN EN ISO 3501 DVGW W 534 (P), art. 12.11 ČSN ISO 17484-1, Annex G QV 17006, art. 5.3.3.1 | Joints of pipes | |
| P 1.4 | Initial apparent circumferential tensile strength of GRP pipes | ČSN EN 1394, method A, B ČSN ISO 8521, method A, B, D | Plastic piping GRP systems, joints of pipes | |
| P 1.5 | Determination of compression properties | ČSN EN ISO 604 ČSN EN 14404+A1, art. 6.6 ČSN EN 826 | Rubber and plastic products, PPE – knee protectors | |
| | | ČSN EN ISO 13968 ČSN EN ISO 9969 ČSN ISO 13966 ČSN EN 1228 ČSN EN 14982+A1 ČSN EN ISO 13967 ČSN EN 61386-24, art. 10.2 ČSN ISO 7685 ČSN ISO 10466 ČSN EN 61386-1, ed. 2, art. 10.2 ČSN EN 61386-22, art. 10.2 | Plastic pipes fittings thermoplastic | |
| | | ČSN EN 14800, art. 5.19.2.2 | Safety flexible wave metallic hoses | |
| | | ČSN EN 802 ČSN ISO 17484-1, Annex H | Injection moulded fittings, multilayer pipe systems | |
| | | ČSN EN 1253-2, art. 5.3 ČSN EN 1253-1, art. 5.6 | Gully tops and manhole tops | |
| | | ČSN EN ISO 844 ČSN EN ISO 2439 | Cellular materials | |
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|-----------------------------|--|--|--|
| | | ČSN EN ISO 3386-1 ČSN EN ISO 3386-2 | |
| P 1.6 | Determination of adhesion between components during separation | ABNT NBR 15557, art. 5.6 | Textile reinforced rubber products, rubber/metallic products, synthetic leathers, tyre casings and tubes |
| | | ČSN 26 0370, art. 76-84 ČSN EN ISO 252 | Textile cord reinforced conveyor belts |
| | | ČSN ISO 17484-1, Annex E ČSN ISO 17454 | Multilayer pipe systems |
| | | ČSN EN ISO 3821, art. 9.3.7.2 ČSN EN ISO 7840, art. 6.14 ČSN EN ISO 8033 | Twin hoses, hoses |
| P 1.7 | Determination of bending/flexural characteristics | ČSN EN 12814-1 | Welded joints of thermoplastics |
| | | ČSN EN ISO 178 ČSN EN ISO 14125 ČSN EN ISO 899-2 ČSN EN 978 ČSN EN ISO 11296-4, Annex C, B, D | Plastic products, fibre reinforced plastic composites |
| | | ČSN EN ISO 10619-1, method A1 | Hoses |
| P 1.8 | Determination of flexibility at low temperature | ČSN EN ISO 10619-2, method B ČSN EN ISO 7840, art. 6.10 | Hoses |
| | | ČSN 26 0370, art. 44-49 | Textile cord reinforced conveyor belts |
| P 1.9 | Determination of flexibility | ČSN EN 14800, art. 5.13 | Safety flexible wave metallic hoses |
| P 1.10 | Determination of shear strength | DVGW W 534 (P), art. 12.13 ČSN EN ISO 9311-2 | Glued joints from PVC |
| P 1.11 | Determination of tear strength | ČSN ISO 34-1 ABNT NBR 15557, art. 5.3 | Rubber products tyre tubes |
| | | ČSN EN ISO 6383-1 | Plastic sheets |

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|-----------------------------|---|--|--|
| P 2 | Long-term static testing | | |
| P 2.1 | Determination of compression set | ČSN EN ISO 1856 ČSN ISO 815-1 ČSN ISO 815-2 | Cellular materials, sealing profiles, rubber products, cork products |
| P 2.2 | Determination of permanent deformation in tension | ČSN ISO 2285, art. 7.1 ISO 2285, art. 7.1 ABNT NBR 15557, art. 5.4 | Rubber products tyre tubes |
| P 2.3 | Determination of wet creep factor and calculation of the long-term ring stiffness | ČSN ISO 10468+Amd.1 | Pipes, GRP pipes |
| P 2.4 | Creep factor determination under dry conditions | ČSN EN 761 | GRP pipes |
| P 2.5 | Creep ratio determination | ČSN EN ISO 9967 | Plastic pipes |
| P 2.6 | Tensile creep test | ČSN EN 12814-3 DVS 2203-4 | Welded joints of thermoplastics |
| P 2.7 | Determination of the long-term limited ring flexibility | ČSN ISO 10471 | GRP pipes |
| P 2.8 | Determination of compressive creep | ČSN EN 1606 | Cellular materials |
| P 2.9 | Resistance to slow crack growth (cone test method) | ISO 13480 ČSN ISO 17484-1, Annex B | Piping systems |
| P 2.10 | Determination of stress relaxation | ČSN ISO 3384-1 | Rubber materials |
| P 3 | Impact and impulse tests | | |
| P 3.1 | Determination of impact strength CHARPY and IZOD | ČSN EN ISO 179-1 ČSN EN ISO 180 ČSN ISO 9854-1 ČSN ISO 9854-2 | Plastics products |
| P 3.2 | Determination of impact resistance by falling weight, ball drop test | ČSN EN 477 | Window's and door's PVC profiles, plastic pipes |
| | | ČSN EN ISO 3127 ČSN EN ISO 11173 | |
| | | ČSN EN ISO 13263 | Thermoplastic fittings |
| | | ČSN ISO 17484-1, Annex I ČSN EN 61386-24, art. 10.3 ČSN EN 61386-1, ed. 2, art. 10.3 | Plastic pipes and fittings |
| | | ČSN EN 14800, art. 5.17 | Safety flexible wave metallic hoses |

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|-----------------------------|--|---|---|
| | | PV 3966 PV 3905 | Vehicle parts |
| | | ČSN EN ISO 7765-1 | Plastic films and packaging materials |
| | | ČSN EN 1705 ČSN EN 1716 DVGW GW 335-B2, art. 5.5.4 | Plastic valves |
| P 4 | Reserved | | |
| P 5 | Compression tests (overpressure, underpressure) | | |
| P 5.1 | Determination of long-term leak tightness of socket joints | ČSN EN ISO 13846 | Piping system |
| P 5.2. | Determination of tightness and functionality of antiflooding devices | ČSN EN 13564-2, art. 3.1-3.4 | Antiflooding devices |
| P 5.3 | Internal pressure test | PTACPDS-02, art. 12.2.4 TSB 5501G, art. 6.2.10, 6.2.12, 6.2.13 DIN 73411-2, art. 3.12 TL 680, art. 5.7.1, 5.7.2 TL 523 61, art. 5.8.1, 5.8.2 TL 822 07, art. 4.2.1, 5, 6, 7.1 ČSN EN 14800, art. 5.3.2, 5.4.2 ČSN EN ISO 1402 | Cooling hoses and elbows, cooling and fuel hoses, couplings, feeds, snap (quick-connect) couplings, safety flexible wave metallic hoses |
| P 5.4 | Determination of joints leakage under bending | ČSN EN ISO 3503 DVGW W 534 (P), art. 12.12 ČSN ISO 17484-1, Annex K | Pipes and fittings |
| P 5.5 | Constant internal pressure resistance determination | ČSN EN ISO 1167-1 ČSN EN ISO 1167-2 DVGW GW 335-A2, art. 5.2.11, 5.4.7 DVGW GW 335-B2, art. 5.2.11, 5.5.2 DVGW W 534 (P), art. 12.10, 12.14 ČSN ISO 17484-1, Annex C QV 17006, art. 5.2.1 | Plastic pipes and fittings |

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|-----------------------------|--|---|---|
| P 5.6 | Leak tightness at constant internal hydrostatic pressure without axial loading | ČSN EN ISO 13783 | Pipes and fittings with elastomeric sealing rings, glued joints |
| P 5.7 | Leak tightness at constant internal pressure | ČSN EN ISO 3458 DVGW W 534 (P), art. 12.3 | Axially loaded pipe joints |
| P 5.8 | Reserved | | |
| P 5.9 | Determination of resistance to internal overpressure after denting | ČSN EN 12106 | Pipes |
| P 5.10 | Leakage test under bending and internal pressure | ČSN EN ISO 13783 | PVC-U pressure fittings |
| P 5.11 | Long-term hydrostatic strength | ČSN EN 1447+A1 | Plastic piping GRP systems |
| P 5.12 | Reserved | | |
| P 5.13 | Hydrostatic strength and tightness of seat and packaging | ČSN EN 917 ISO 9393-1 ISO 9393-2 | Plastic valves |
| P 5.14 | Determination of leak tightness of pipe socket connections under negative air pressure | ČSN EN ISO 13844 | Piping systems |
| P 5.15 | Determination of resistance to negative air pressure | ČSN EN ISO 7233, method A, C ČSN EN ISO 13056 DVGW W 534 (P), art. 12.4 | Hoses Piping systems |
| P 5.16 | Reserved | | |
| P 5.17 | Tightness and strength tests | TL 524 35 TL 524 39 TL 822 53 GME 60 223 | Fuel hoses including joints |
| P 5.18 | Joint leakage tightness test | ČSN EN ISO 13259 ČSN EN 274-1 ČSN EN 274-2 ČSN EN 274-3 | Tubes, fittings and their assemblies |
| P 5.19 | Determination of valve tightness | ISO 5208 QV 17004, art. 3.2.4 | Piping systems |
| P 5.20 | Leakage test under external hydrostatic pressure | ČSN EN ISO 3459 | Joints with elastomeric sealing rings, mechanical joints |

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|-----------------------------|--|--|---|
| P 5.21 | Water tightness test | ČSN EN ISO 13254 ČSN ISO 17484-1, Annex J | Thermoplastic pipe systems for non-pressure applications |
| P 5.22 | Air tightness test | ČSN EN 1054 ČSN EN ISO 13255 ČSN ISO 17484-1, Annex F | Thermoplastic pipe systems for wastewater and sewage applications |
| P 5.23 | Leakage test of valves before and after bending | ČSN EN 1680 ČSN EN 12100 | Thermoplastic valves |
| P 5.24 | Resistance of joints against pressure cycling | ČSN EN ISO 19892 DVGW W 534 (P), art. 12.5 ČSN ISO 15306+Amd.1 | Plastic piping systems |
| P 5.25 | Vibrational test | Techapter rules GAS No. 001 DVGW W 534 (P), art. 12.7, 12.9 | Plastic mechanical joints |
| P 5.26 | Notch pipe test (slow crack growth) | ČSN EN ISO 13479 DVGW GW 335-A2, art. 5.2.9 DVGW GW 335-B2, art. 5.2.9 | Polyolefine pipes |
| P 5.27 | Determination of short-term leak tightness of pipe socket joints | ČSN EN ISO 13845 | Piping systems |
| P 6 | Determination of hardness | | |
| P 6.1 | Determination of IRHD hardness | ČSN ISO 48-2 | Rubber products |
| P 6.2 | Determination of Shore A, D hardness | ČSN EN ISO 868 ČSN ISO 48-4 | Rubber products |
| P 6.3 | Determination of ball indentation hardness | ČSN EN ISO 2039-1 | Plastics products |
| P 6.4 | Determination of Barcol hardness | ČSN EN 59 | Fiberglass reinforced plastics |
| P 7 | Measurement of geometrical quantities | | |
| P 7.1 | Measurement of dimensions | ČSN ISO 23529, art. 9 | Rubber and plastics products |
| | | ČSN 26 0370, art. 17-22 ČSN EN ISO 583 | Textile cord reinforced conveyor belts, tubular dams |
| | | ČSN EN ISO 4671 | Hoses |
| | | ČSN EN ISO 3126 | Plastic pipes and fittings |

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|-----------------------------|---|---|---|
| | | DVGW GW 335-A2, art. 5.4.4 DVGW GW 335-B2, art. 5.4.6 ČSN 64 0181 | Plastic films |
| P 7.2 | Dimensional stability | ČSN EN ISO 2505 DVGW GW 335-A2, art. 5.4.5 DVGW W 534 (P), art. 10.2.2 ČSN EN 1555-2, art. 7.4 ČSN 64 0610 ČSN EN 175, art. 8.5 | Plastic pipes and fittings, joints and connectors Plastic films PPE – protective shields |
| P 8 | Testing of products and systems for children | | |
| P 8.1 | Mechanical and physical properties of toys - Small parts cylinder - Torque test - Tensile test - Drop test - Tip over test - Impact test - Compression test - Soaking test - Accessibility of a parts or components - Sharpness of edges - Sharpness of points - Flexibility of wires - Expanding (swelling) materials - Leakage of liquid filled toys - Geometric form of certain toys - Durability of toys operated by mouth - Folding or sliding mechanism - Cord thickness - Static strength | ČSN EN 71-1+A1 art. 8.2 art. 8.3 art. 8.4 art. 8.5 art. 8.6 art. 8.7 art. 8.8 art. 8.9 art. 8.10 art. 8.11 art. 8.12 art. 8.13 art. 8.14 art. 8.15 art. 8.16 art. 8.17 art. 8.18 art. 8.20 art. 8.21 | Toys |

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|-----------------------------|--|---|---------------|
| | - Stability | art. 8.23 | |
| | - Determination of kinetic energy | art. 8.24 | |
| | - Determination of stopping power | art. 8.26 | |
| | - Determination of strength of handle bars of child scooters | art. 8.27 | |
| | - Determination of speed of electrical toys | art. 8.29 | |
| | - Rise of temperature measurement | art. 8.30 | |
| | - Covers of toy boxes | art. 8.31 | |
| | - Small spheres test | art. 8.32 | |
| | - Toy figure test | art. 8.33 | |
| | - Tension test for magnets | art. 8.34 | |
| | - Determination of the perimeter of ropes and chains | art. 8.36 | |
| | - Yo-yo balls measurements | art. 8.37 | |
| | - Breakaway feature separation test | art. 8.38 | |
| | - Test of self-retracting cords | art. 8.39 | |
| | - Determination of the length of ropes, chains and el. cords | art. 8.40 | |

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třída Tomáše Bati 299, Louky, 763 02 Zlín

| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|---|---|---------------|
| P 8.2 | Mechanical and physical properties of toys - Test for small particles in cylinder - Drop test - Tip over test - Torque test - Tensile test - Compression test - Accessibility of a parts or components - Sharpness of edges - Flexibility of wires - Geometric form of certain toys - Determination of kinetic energy - Static strength and stability - Destructive test - Testing of wheels and axles - Durability of toys put into action by mouth | ASTM F 963 art. 4.6,1.7 art. 8.7.1 art. 8.7.2 art. 8.8 art. 8.9 art. 8.10.1 art. 3.1.2, 4.18 art. 4.7 art. 8.12 art. 4.22, 4.23, 4.24 art. 4.21.1.3, 8.14 art. 4.15, 8.15 art. 8.6 art. 8.11 art. 8.13 | Toys |
| P 8.3 | Testing of activity toys - Stability - Determination of static strength - Determination of dynamic strength - Test of gripping - Olivet test - Slide test - Diameter of ropes and chains for swings - Determination of shock by rocker elements - Paddling test | ČSN EN 71-8 art. 6.2 art. 6.3 art. 6.4 art. 6.5 art. 6.6 art. 6.7 art. 6.8 art. 6.9 art. 6.10 | Activity toys |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|---|--|--|
| P 8.4 | Testing of mechanical properties of drinking equipment - Small particles - Determination of the tear strength - Volume accuracy test - Thermal shock test - The size of the permanent protective cover - Test of reliability of attachment of protruding parts - Flexibility | ČSN EN 14350 art. 7.4 art. 7.7.1 art. 7.6.2 art. 7.6.4 art. 7.8.2 art. 7.11.3 art. 7.11.2 | Drinking equipment |
| P 8.5 | Testing of mechanical properties of baby carriers | ČSN EN 13209-2, art. 8 CEN/TR 16512, Annex A.3 to A.7 | Baby carriers |
| P 8.6 | Testing of mechanical properties of dummies - Construction parameters - Impact resistance test - Tear strength test - holding strength of knobs, plugs or caps - Bite resistance - Integrity tests | ČSN EN 1400+A2 art. 8 art. 9.1 art. 9.3 art. 9.4 art. 6.5 art. 6.7 | Dummies |
| P 8.7 | Testing of mechanical properties of trampolines - dynamic tests - strength test - stability test - assembly test - durability test - mat deflection test | ČSN EN 71-14 art. 7.1 art. 7.2 art. 7.3 art. 7.4 art. 7.5, ČSN EN ISO 4892-3, method A art. 7.6 | Home trampolines, test specimens of non-metallic parts of trampolines |
| P 8.8 | Mechanical tests of soother holders | ČSN EN 12586+A1, art. 6.1 | Soother holders |
| P 8.9 | Mechanical tests of baby coaches | ČSN EN 1888-1, Chapter 8 | Baby coaches |
| P 8.10 | Mechanical tests of the baby changing table | ČSN EN 12221-2+A1, art. 5.3-5.7, 5.10-5.12 | Baby changing table |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|--|--|---|
| P 8.11 | Determination of dynamic strength of harnesses | ČSN EN 13210-1, art. 7.2 | Child harnesses |
| P 8.12 | Mechanical tests of the children's fender | ČSN EN 12227, art. 8.1.4, 8.2, 8.3, 8.4, 8.6 | Children's fender |
| P 8.13 | Reserved | | |
| P 8.14* | Determination of impact attenuation - determination of critical height of fall (HIC) - determination of shock absorption capacity | ČSN EN 1177 ČSN EN 1078+A1, art. 5.4 | Playground equipment Sports helmets |
| P 8.15* | Tests of inflatable play equipment - determination of touch with the substrate - test of gripping - determination of strength in subsequent tearing | ČSN EN 14960-1 Annex C Annex D Annex E | Inflatable play equipment |
| P 8.16* | Practical test of slides | ČSN EN 1069-1+A1, art. 9.3 | Water slides |
| P 8.17 | Stability testing of high chairs for children | ČSN EN 14988+A1, art. 8 | High chairs for children |
| P 9 | Piping systems and their components – special tests | | |
| P 9.1 | Determination of memory effect | ČSN EN ISO 11298-3 Annex A | Piping system |
| P 9.2 | Reserved | | |
| P 9.3 | Flow rate determination | ČSN EN 14800, art. 5.5.2 | Safety flexible wave metallic hoses |
| P 9.4 | Test flexibility at lower temperature | ČSN EN 61386-24, art. 10.4 ČSN EN 61386-22, art. 10.4 | Piping system |
| P 9.5 | Appearance changes after heating | ČSN EN ISO 580 | Pipes and fittings |
| P 9.6 | Determination of resistance to elevated temperature cycles | ČSN EN ISO 13257 ČSN EN 607 ČSN 13 7200 ČSN EN 274 -2, art. 3 ČSN EN 1253-2, art. 5.9 ČSN EN 1253-1, art. 5.5 | Drain pipes, gutters, gully tops and manhole tops |
| P 9.7 | Valves resistance against elevated temperature cycling | ČSN EN 1704 | Plastic valves |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|--|---|--|
| P 9.8 | Resistance against temperature cycling determination | ČSN EN 12119 | PE valves |
| P 9.9 | Test of resistance of mounted assemblies | ČSN EN ISO 19893 DVGW W 534 (P), art.12.6 | Plastic piping systems |
| P 9.10 | Torque moment determination | ČSN EN 28233 GMW 15310, art. 3.2.1.2 | Thermoplastic fittings |
| P 9.11 | Determination of resistance against cyclic bending | ČSN EN ISO 13264 | Plastic fittings |
| P 9.12 | Determination of endurance joint against turn | DVGW W 534 (P), art. 12.8 | Plastic joints and connectors |
| P 9.13 | Flow rate and pressure drop relation | ČSN EN ISO 17778 DVGW GW 335-B2, art. 5.4.9 | Fittings, valves |
| P 10 | Products of rubbers and plastics – special tests | | |
| P 10.1 | Determination of resistance to abrasion on the rotary drum machine | ČSN 62 1466 ISO 4649 | Rubber products |
| P 10.2 | Determination of the coefficients of friction | ČSN EN ISO 8295 | Plastic films and packaging materials |
| P 10.3 | Testing of welded joints of thermoplastics – Macroscopic examination | ČSN EN 12814-5 | Welded joints |
| P 10.4 | Determination of MAR resistance (machine guided, hand made) | F-19-42 (PV 3987 PV 3974 TPJLR.52.010 PV 3952 PV 3906) F-149-43 (Erichsen pen - TL 226, Art. 4.2; Hand made MAR Resistance - CN 27635, p. 6.5) | Plastic products with/without surface treatment |
| P 10.5 | Chemical stability testing (evaluation of gelatinization) | ČSN EN 751-1, art. 7.1.2 | Anaerobic jointing compounds, non-hardening jointing compounds |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|---|---|---|
| P 10.6 | Testing of sealing material after assembly | ČSN EN 751-1, art. 7.2 ČSN EN 751-2, art. 7.2 ČSN EN 751-3, art. 7.2 | Sealing materials |
| P 11 | Sanitary technology – special tests | | |
| P 11.1 | Hydraulic properties of sanitary fittings | ČSN EN 274-1, Annex A ČSN EN 274-2, art. 4, 5, 6 ČSN EN 1253-2, art. 5.5 ČSN EN 1253-1, art. 5.9 ČSN EN 1253-4 | Sanitary products, baths, sinks, gully tops and manhole tops, caps |
| P 11.2 | Determination of operating characteristics of sanitary appliances | ČSN EN 817 ČSN EN 1286 ČSN EN 200 ČSN EN 1111, art. 12.2, 12.3, 12.4, 12.5 | Sanitary products, baths, sinks, valves, mixing batteries, thermostatic mixing machines |
| P 11.3* | Discharge equipment test, leak test, efficiency and heat resistance | ČSN EN 12050-1, ed. 2, art. 5 ČSN EN 12050-2, ed. 2, art. 5 ČSN EN 12050-3, ed. 2, art. 5 ČSN EN 12050-4, ed. 2, art. 5 | Waste water lifting plants |
| P 11.4 | Drop test and air tightness of air admittance valves | ČSN EN 12380, art. 6.2, 6.3 | Air admittance valves |
| P 11.5 | Testing of flushing cisterns - Determination of the full flush volume - Determination of the flush volume for water-saving devices - Determination of overflow capacity - Inlet valve opening characteristics - Determination of dimension “c” - Determination of dimension “a” - Outlet valve leak tightness - Outlet valve reliability test - Determination of the operating force | ČSN EN 14055 art. 5.3.2.2 art. 5.3.2.3 art. 5.3.4 art. 5.3.5 art. 5.3.6 art. 5.3.7 art. 5.3.8 art. 5.3.9 art. 5.3.10 | WC and urinal flushing cisterns |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|---|---|----------------------|
| | - Determination of impact force | art. 5.3.11 | |
| P 11.6 | Inlet valve tightness test | ČSN EN 12541, art. 8.2 | WC flushing cisterns |
| P 11.7 | Inlet valve pressure resistance | ČSN EN 12541, art. 9.2 | WC flushing cisterns |
| P 11.8 | Sink testing - Determination of water drainage capacity - Determination of resistance to temperature changes - Determination of resistance to chemicals - Determination of resistance to abrasion - Load stability - Flow rate of overflow | ČSN EN 13310+A1 art. 5.2 art. 5.4 art. 5.5 art. 5.7 art. 5.8 art. 5.9 | Kitchen sinks |
| P 11.9 | WC pans testing - Load test - Determination of water leak tightness - Reliability of discharge valve | ČSN EN 997 art. 5.7.4 art. 5.7.5.2 art. 5.7.5.4 | WC pans |
| P 11.10 | Technical properties testing of shower screen - Cleanability - Resistance to corrosion - Impact resistance/shatter properties - Impact behaviour of plastic sheets - Resistance to chemicals and stains - Resistance to wet and dry cycling - Opening/closing resistance - Stability - Water retention | ČSN EN 14428+A1 art. 4.2 art. 4.4.2 art. 5.1, ČSN EN 12150-1+A1, art. 8, art. 5.2 art. 5.3 art. 5.4 art. 5.5 art. 5.6 art. 5.7 | Shower screen |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|--|---|----------------------|
| P 11.11 | Technical properties testing of bath for shower bath - Cleanability - Stability of the bottom - Chemical resistance - Resistance to temperature changes | ČSN EN 14527+A1 art. 6.2 art. 8.1 art. 8.2 art 8.3 | Bath for shower bath |
| P 11.12 | Technical properties testing of whirlpool baths - Temperature test - Maximum pressure test - Leakage test - Structure: residual volume test - Resistance to hair entrapment | ČSN EN 12764+A1 art. 6.1 art. 6.2 art. 6.3 ČSN EN 60335-2-60, ed.2, art. 22.102 art. 22.103 | Whirlpool baths |
| P 11.13 | Technical properties testing of basins - Static loading test - Draining of water - Resistance to temperature changes - Resistance to chemicals and stains - Resistance to indentation - Cleanability - Determination of flow rate of overflow | ČSN EN 14688+A1 art. 5.2 art. 5.3 art. 5.4 art. 5.5 art. 5.6 art. 5.8 art. 5.9 | Basins |
| P 11.14 | Technical properties testing of bidets - Connecting dimensions - Static loading test - Cleanability | ČSN EN 14528+A1 art. 4.1 art. 5.2 art. 5.3 | Bidets |
| P 11.15 | Technical properties testing of wall urinals - Determination of depth of water seal - Wood sawdust test - Test by flushing of 3 plastic balls - Splashing test - Draining test - Water absorption test | ČSN EN 13407+A1 art. 6.6.1.2 art. 6.6.1.3.1 art. 6.6.1.3.2 art. 6.6.1.3.3 art. 6.6.1.3.4 art. 6.6.2 | Wall urinals |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|---|--|------------------------------------|
| | - Loading test - Determination of depth of water seal - Cleanability | art. 6.6.3 art. 7.5.1 art. 7.5.2 | |
| P 11.16 | Determination of physico-chemical properties of baths | ČSN EN 14516+A1, art. 5.2, 6.2, 8 ČSN EN 263 ČSN EN ISO 62 | Baths |
| P 11.17 | Tests of sanitary valves - tensile test and torsion test - test of protection against backflow - teak test - flow filling valve test - reopening filing valve test - measurement of pressure impact - immunity test pressure - long-term durability | ČSN EN 14124 art. 7.2 art. 7.3 art. 7.4 art. 7.5 art. 7.6 art. 7.7 art. 7.8 art. 7.9 | Inlet valves for flushing cisterns |
| P 12 | Medical device testing | | |
| P 12 | Medical device testing | | |
| P 12.1 | Determination of functional and dimensional characteristics of syringes | ČSN EN ISO 7886-1, Annex C | Medical devices – syringes |
| P 12.2 | Reserved | | |
| P 12.3 | Condoms testing - Heat resistance - Measurement of dimensions - Determination of bursting volume and pressure | ČSN EN ISO 4074, ed. 2 Annex I Annex D, E, F Annex H | Condoms |
| P 12.4 | Reserved | | |
| P 12.5 | Testing of face masks - Determination of breathability (differential pressure) - construction and design | ČSN EN 14683+AC, Annex C P-20-25 (ČSN EN 14683+AC, art. 5.1) | Face masks |
| P 12.6 | Determination of resistance against penetration by synthetic blood | ISO 22609 | Medical face masks |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|--|--|--|
| P 13 | Testing of other products | | |
| P 13.1 | Testing of furniture - Static loading test | ČSN EN 1728, art. 6, 7 | Seating furniture |
| P 13.2 | Determination of resistance to damage by flexing by Schildknecht method | ČSN EN ISO 7854, method B | Coated fabrics |
| P 13.3 | Cross-cut test | ČSN EN ISO 2409 | Paints and varnishes |
| P 13.4 | Reserved | | |
| P 13.5 | Reserved | | |
| P 13.6 | Floorball equipment testing | Material regulations SPCR 011, art. 2, Annex 1 | Sticks, balls, goal cages, boards, masks |
| P 13.7 | Determination of physical and mechanical properties of tanks | ČSN EN 13341+A1, Annex B1-B8 | Stable thermoplastic tanks |
| P 13.8 | Testing of cookware - Heat resistance test of accessories - Distortion resistance test - Bending strength test - Fatigue resistance test of handle - Test of enamel to aluminium bond strength - Stain resistance of anodic oxide coats - Pour out (emptying) test - Stability of base under heat shock - The test of insulating characteristic | ČSN EN 12983-1 art. 5, 7.3, Annex B Annex C Annex D Annex E Annex G Annex H Annex L Annex M Annex F | Domestic cookware for use on top of a stove, cooker or hob |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|--|---|---|
| P 13.9 | Domestic pressure cookers testing - Bottom deviation - Volume measurement - Pressure regulator verification - Pressure gauge verification - Safety device verification - Tests related to pressure resistance - The test of insulating characteristic - The opening test | ČSN EN 12778 art. 5.3.2 art. 5.3.5 art. 5.5.2 art. 5.5.3 art. 5.5.4 art. 5.7 art. 5.4.2 art. 5.5.6 | Domestic pressure cookers |
| P 13.10 | Reserved | | |
| P 13.11 | Testing of physical and mechanical properties of gully tops and manhole tops - measurement of design parameters - fatigue test - test of permanent deformation - test of load bearing capacity - test of deformation under force - determination of resistance to automotive fuels | ČSN EN 124-1 art. 8.4, 8.5 (except 8.4.13) ČSN EN 124-5, art. 6.3 ČSN EN 124-1:2015, art. 8.2 ČSN EN 124-1:2015, art. 8.3 ČSN EN 124-3:2015, art. 6.2 ČSN EN 124-5:2015, art. 4.3.4 | Gully tops and manhole tops – cast iron, fibreglass, plastic, reinforced-concrete, concrete |
| P 13.12* | Testing of small wastewater treatment systems - determination of durability - determination of watertightness - determination of effectiveness of cleaning | ČSN EN 12566-3, art. 4.5 art. 4.4, Annex A.2 art. 4.3, Annex B | Small wastewater treatment systems |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|--|---|---|
| P 13.13 | Determination of resistance to penetration - air penetration test - water penetration test | ČSN EN ISO 374-2 art. 7.2 art. 7.3 | Protective gloves against chemicals and micro-organisms |
| P 13.14 | Testing of fume cupboards | ČSN EN 14175-3 ČSN EN 14175-6, art. 5.3, 5.4 | fume cupboards |
| P 13.15 | Reserved | | |
| P 13.16 | Determination of strength of attachment | ČSN EN 1078+A1, art. 5.5 | PPE - chinstraps of helmets |
| P 13.17 | Determination of strength of attachment | ČSN EN 1078+A1, art. 5.6 ČSN EN 1384, art. 5.11 ČSN EN 13087-4 ČSN EN 1385, art. 7.8 ČSN EN 12492, art. 5.8 ČSN EN ISO 10256-2, art. 5.8 | PPE - chinstraps of helmets |
| P 13.18 | Determination of field of vision | ČSN EN 13087-6 ČSN EN 966+A1, art. 7.4 ČSN EN ISO 10256-2, Annex C ČSN EN 1077, art. 5.3 ČSN EN 1078+A1, art. 5.7 ČSN EN 1080, art. 5.6 ČSN EN 13484, art. 5.5 ČSN EN 13781, art. 4.6 ČSN EN 168, art. 18 ČSN EN 1938, art. 5.3 ČSN EN 174, art. 6.2 | PPE – helmets PPE – eye-protection |
| P 13.19 | Resistance against impact | ČSN EN ISO 10256-3, art. 6.8 ČSN EN ISO 10256-4, art. 5.7 Material regulations SPCR011, Annex 1, art. 5.6.3 | PPE - helmets |
| P 13.20 | Determination of weight | ČSN EN ISO 10256-3, art. 6.3 ČSN EN 1077, art. 5.2 ČSN EN 1080, art. 5.2 | PPE – sport helmets |

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| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|--|--|--|
| P 13.21 | Determination of resistance to penetration of an object | ČSN EN ISO 10256-2, art. 5.6 ČSN EN ISO 10256-4, art. 5.5 ČSN EN ISO 10256-3, art. 6.7 | PPE – sport helmets |
| P 13.22 | Determination of protective properties - Determination of a protected area of a face - determination of protection against drops and splashes of liquids | ČSN EN 168 art. 10.2 art. 12 | PPE – personal eye-protection |
| P 13.23 | Determination of resistance to penetration by a spray of liquid (spray test) after a practical test by wearing | ČSN EN ISO 17491-4 ČSN EN 13034+A1, art. 5.2 ČSN EN 14605+A1, art. 4.3.4 | PPE – protective clothing |
| P 13.24 | Determination of resistance to penetration by a jet of liquid (jet test) after a practical test by wearing | ČSN EN ISO 17491-3 ČSN EN 14605+A1, art. 4.3.4 | PPE – protective clothing |
| P 13.25* | Measurement of sound pressure level | ČSN ISO 1996-1 ČSN ISO 1996-2 MoH CR Bulletin, 4/2013, Part 4 ³⁾ MoH CR Bulletin, 11/2017, Part 1 ³⁾ ČSN EN 71-1+A1, art. 8.28 | Workplace and non-workplace environment (outdoor and indoor environment, service equipment in buildings) toys |

¹ asterisk at the ordinal number identifies the tests carried out outside/also outside the Laboratory premises

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes)

³ Guideline for the measurement and evaluation of noise in non-workplace environment

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Annex:

Flexible scope of accreditation

| Ordinal numbers of tests |
|---------------------------|
| KU2, F1-F9, P1-P3, P5-P13 |

The Laboratory is allowed to modify the test methods listed in the Annex within the specified scope of accreditation provided the measuring principle is observed. The flexible approach to the scope of accreditation cannot be applied to the tests not included in the Annex.

Sampling:

| Ordinal number ¹ | Sampling procedure / method name | Sampling procedure / method identification | Sampled object |
|-----------------------------|--|--|----------------|
| V 1 | Automatic sampling of waste water for the determination of effectiveness of small wastewater treatment systems | V-11-01 (ČSN ISO 5667-10) | Waste water |

¹ if the document identifying the sampling procedure is dated, only these specific procedures are used. If the document identifying the sampling procedure is not dated, the latest edition of the specified procedure is used (including any changes)

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3. Analytical and Mechanics Laboratory

Tests:

| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|---|--|---|
| AT 1 | Identification of organic substances using FTIR spectrometry | A-96-37 (ASTM D 2621, ČSN ISO 4650) | Plastics, rubbers |
| AT 2 | Determination of primary aromatic amines content by spectrophotometry | A-07-69 (ČSN EN ISO 13130-1, ČSN 62 1156) | Utensils |
| AT 3 | Reserved | | |
| AT 4 | Reserved | | |
| AT 5 | Determination of corrosion resistance in saline solution visually | A-07-77 (ČSN EN ISO 8442-1, ČSN EN ISO 8442-2) | Metal products |
| AT 6 | Determination of sudden temperature change | ČSN EN 1183, method B | Ceramics |
| AT 7 | Determination of mechanical immunity in washing-up machine | A-08-80 (ČSN EN ISO 12875-1, ČSN EN ISO 12875-2) | Dishes |
| AT 8 | Corrosive tests in artificial atmosphere - NSS test | ČSN EN ISO 9227 | Dishes |
| AT 9 | XRF identification and quantitative determination of components by spectrometry ³⁾ | A-08-86 (manual Shimadzu, Elvatech) | Products intended for contact with food |
| AT 10 | Identification of additives by TD-GC-MS method | A-07-71, part B (VDA 278, PB VWL 709) | Products intended for contact with food |
| AT 11 | Determination of formaldehyde by spectrophotometry | A-08-81 (ČSN EN ISO 14184-1, ČSN EN ISO 13130-1) | Food simulants, water extracts |
| AT 12 | Determination of aromatic substances by spectrophotometry | A-08-82 (ČSN EN ISO 13130-1, AHM 13/1982) | Food simulants, water extracts |
| AT 13 | Determination of the volatiles content by gravimetry | A-05-57 (LMBG, BII, XV, 12.Mitteilung zur Untersuchung von Kunststoffen: Bundesgesundheitsblatt 11, 56 (1968)) | Silicone elastomers |

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Certificate of Accreditation No.: 256/2022 of 30/05/2022**

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Institut pro testování a certifikaci, a.s.
Testing Laboratory
třída Tomáše Bati 299, Louky, 763 02 Zlín

| Ordinal number ¹ | Test procedure / method name | Test procedure / method identification ² | Tested object |
|-----------------------------|--|--|---|
| AT 14 | Total migration to aqueous, alcoholic and substitute fat simulants of food, determination of evaporation residue by gravimetry | ČSN 62 1156, art. 12 ČSN EN 1186-1 ČSN EN 1186-3 ČSN EN 1186-5 ČSN EN 1186-9 ČSN EN 1186-14 D.M. 21-03-1973, Annex IV, part I, ch I. – IV A, B | Rubbers, plastics, elastomers, consumer goods (PBU) and materials for their production, packaging |
| AT 15 | Determination of volatile organic substances adsorbed on Tenax by method GC-MS, FID | ISO 16000-6 | Internal air (absorption tubes) |

¹ asterisk at the ordinal number identifies the tests carried out outside/also outside the Laboratory premises

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes)

³ the following table lists the determined parameters

| Ordinal number | Determined parameters |
|----------------|--|
| AT 9 | Mg, Al, Si, Ti, V, Cr, Mn, Fe, Ta, Co, Ni, Cu, Zn, Ag, Au, Mo, Hg, W, Pb, Sn, As, Ba, Cd, Pb, Se, Sb, Br, Sr, Zr |

Annex:

Flexible scope of accreditation

| Ordinal numbers of tests |
|--------------------------|
| AT1, AT2, AT5-AT15 |

The Laboratory is allowed to modify the test methods listed in the Annex within the specified scope of accreditation provided the measuring principle is observed. The flexible approach to the scope of accreditation cannot be applied to the tests not included in the Annex.

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Abbreviations:

| | |
|-----------------------------------|--|
| AA-xxxx | BMW standard |
| AAS | Atomic absorption spectroscopy |
| A-96-37 | Example of identification of ITC's internal test procedures (IZP) |
| ABNT NBR | Brazil Standard |
| AHEM | Acta Hygienica Epidemiologica et Microbiologica |
| ASTM | US technical standard |
| BMW PR | BMW standard |
| BS | British technical standard |
| CEC | Co-ordinating European Council |
| CPSC | Commission regulation for the safety of U.S. products (Consumer Product Safety Commission) |
| Phar. Boh. | Czech Pharmacopeia |
| Phar. Boh., chap. 3 ^{e)} | Includes selected chs from the Czech Pharmacopeia – chapter 3.1.1.1; 3.1.1.2; 3.1.3; 3.1.4; 3.1.5; 3.1.6; 3.1.7; 3.1.8; 3.1.9; 3.1.14; 3.1.15 |
| ČSN P ENV | Preliminary standard |
| DBL 7384 | Mercedes standard |
| DIN | German technical standard |
| D.M. | Ordinance of the Ministry of Health of Italy |
| DOC | dissolved organic carbon |
| Document 155 N | pre-Draft European Standard |
| DSC | Differential scanning calorimetry |
| DVGW W, GW | German Technical and Scientific Association for Gas and Water |
| DVS | Deutsche welding association standards |
| EHK | EC homologation specifications |
| ENV | Preliminary European Standard |
| EPA | Environmental Protection Agency (USA) |
| EPA TO | Environmental Protection Agency. Toxic Organic (USA) |
| ES | European directive |
| Eur. Phar | European Pharmacopeia |
| Eur. Phar., chap. 3 ^{e)} | Includes selected chs from the European Pharmacopeia – chapter 3.1.1.1; 3.1.1.2; 3.1.3; 3.1.4; 3.1.5; 3.1.6; 3.1.7; 3.1.8; 3.1.9; 3.1.14; 3.1.15 |
| FAME | Methylesters of fatty acids |
| FLTM BN, BI, BO | Ford laboratory test method |
| FM VSS | U.S. Federal Motor Vehicle Safety Standards |
| GB | National Standard of the People's Republic of China |
| GC-FID | Gas Chromatography – Flame Ionisation Detector |
| GC-MS | Gas Chromatography – Mass Spectrometry |
| GME | Automotive industry standards (Opel) |
| GMW | General Motors Worldwide Standards |
| GRP | glass-reinforced plastic |
| HPLC | High Performance Liquid Chromatography |
| IC | inorganic carbon |
| IEC | International electrotechnical commission |
| ISO/DIS | Draft ISO international standard |

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| | |
|----------------------------------|---|
| LC | Liquid Chromatography |
| Material regulations SPCR 011 | Certificate rules for international floorball federation |
| MČOV | Small wastewater treatment systems |
| MVSS | Motor Vehicle Safety Standard |
| PPE | Personal protective equipment |
| OSHA | Occupational Safety and Health Administration (USA) |
| ÖNORM | Austrian technical standard |
| PBU | Generally consumer goods |
| PBU ^{x)} | consumer goods, index ^{x)} means: a) products in contact with food b) products in contact with water c) products for kids d) toys |
| PrCen ISO/TS | draft standard |
| PrEN ISO | draft standard |
| PR xxx.x | BMW standard |
| PSA Dx xxxx | Peugeot - Citroen standard |
| PTACPDS | automotive industry standards (Toyota) |
| PV (VW) | Volkswagen Group's technical standard |
| QV | BMW QV standards |
| RAL – GZ | Reichs-Ausschuss für Lieferbedingungen und Gütesicherungen beim Deutschen Normenausschuss |
| SEM-EDS | Scanning electron microscopy - energy dispersion spectrometry |
| SHI | State Health institute |
| SPCR | Floorball association |
| SN EN ISO | Swiss standard |
| TC | total carbon |
| TCD | Thermal Conductivity Detector |
| Technical guidelines | Technical guidelines on testing the migration of primary aromatic amines from polyamide kitchenware and of formaldehyde from melamine kitchenware 1 st edition 2011 |
| TL | Technische Lieferbedingungen |
| TL big Fug | German technical delivery conditions for bituminous materials |
| TL-Pm OB | technical conditions for modified bitumens |
| TL-PmB | technical conditions for modified bitumens |
| TNV | Branch water management technical standard issued by Hydroprojekt CZ, a.s., Prague |
| TOC | total organic carbon |
| TPJLR xx.xxx | Jaguar standard |
| TP MDS | Technical Specification of the Czech Ministry of Transport and communications |
| TSB | automotive industry standards (Rover) |
| GAS technical rules | technical regulation by the Czech GAS association |
| UFLC | Ultra Fast Liquid Chromatography |
| USP 33 NF 28 S1 | American Pharmacopeia |

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| | |
|------------------------|--|
| US 21 CFR FDA | Code of federal regulation, title 21, Food and Drug Administration |
| VCS | Volvo Car Standard |
| VDA | Verband der Automobilindustrie (German automotive standard) |
| VDI | Verein Deutscher Ingenieure (VDI) (English: Association of German Engineers) |
| VW | Volkswagen Standard |
| MoH Regulation | Ministry of Health Regulation |
| MPO Regulation | Ministry of Industry and Trade Regulation |
| Products of child care | cutlery, feeding utensil, drinking facilities for children up to the age of three, dummies |
| Air | working, non-working, outdoor, indoor |
| WSS-M15P4-F | Ford laboratory test method - FORD standard |
| XRF | X-Ray Fluorescence |
| ZP | Medical devices |