**SCOPE 2 ЛИК**

**Sofia, 29.05.2024**

**ALMI TEST OOD**

**Testing centre ALMI TEST**

**Management address:** 1797 Sofia, Mladost 1, Bl. 96 А, Apt. 5

**Laboratory address:** 1301 Sofia, 105 Tsar Samuil Str.

**To perform testing of:**

| **Type of scope:** *flexible for part of the scope* | | | |
| --- | --- | --- | --- |
| **№** | **Tested products** | **Type of test/ characteristic** | **Test method (standard/ validated method)** |
| **1** | **2** | **3** | **4** |
| I. | PACKAGES, PACKAGING MATERIALS AND PACKAGING AUXILIARIES (CAPS, SEALS, PLASTISOLS, VARNISH COATINGS, SELF-ADHESIVE TAPES, ADHESIVES) FROM PLASTICS,  METALS, PAPER, CARDBOARD, TEXTILE AND COMBINATIONS OF THEM);  MATERIALS AND ARTICLES FROM PLASTICS, INTENDED FOR CONTACT WITH FOODS; MATERIALS AND ARTICLES DIFFERENT FROM PLASTICS, INTENDED FOR CONTACT WITH FOODS | 1. Capacity- brimful and total | БДС 12433 |
| БДС EN 13972 |
| 1. Water vapour transmission rate | БДС 9856 |
| ISO 2528 |
| 1. Gas transmission rate | БДС EN ISO 2556 |
| 1. Type of components according IR spectra | ASTM D 2124 |
| Ph. Eur., т. 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, 3.1.10, 3.1.11, 3.1.13, 3.1.15 |
| ASTM E 1252 |
| 1. Quantity of polyvinyl chloride (PVC) compounds | ASTM D 2124  БДС EN 14372 |
| 1. Tensile strength | БДС 7879 |
| БДС EN ISO 527-1,3 |
| ASTM D 882 |
| БДС EN ISO 13934-1,2 |
| 1. Elongation (elongation at break) | БДС 7879 |
| БДС EN ISO 527-1,3 |
| БДС EN ISO 13934-1,2 |
| 1. Tear Resistance (Graves Tear) | БДС 16560  БДС EN ISO 6383-1 |
| 1. Surface tension | ASTM D 2578 |
| 1. Acidity/ alkalinity | Ph. Eur., т. 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 |
| 1. Reducing substances | Ph. Eur., т. 3.1.1.1, 3.1.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.1.7, 3.1.9, 3.1.14, 3.1.15 |
| 1. Ash content and sulphated ash | Ph. Eur., т. 3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.1.7, 3.1.10, 3.1.11, 3.1.14, 3.1.15 |
| БДС EN ISO 3451-1,4,5 |
| ISO 3451-2,3 |
| 1. Absorbance | Ph. Eur., т. 3.1 |
| 1. Changes in taste and smell (organoleptic) | Ordinance № 2/2008 of the Minister of Health and the Minister of Environment and Water on plastic materials and articles intended for contact with food (SG № 13/2008), Annex № 6 to Art. 20  Ordinance amending and supplementing Ordinance № 2/2008 of the Minister of Health and the Minister of Environment and Water on plastic materials and articles intended for contact with food (SG № 13/2008), promulgated in SG № 2/06.01.2012,  БДС EN 1230-1,2 |
| 1. Concentration of residual solvents | БДС EN 13628-1, 2 |
| ASTM D 4526 |
| 1. Overall migration | БДС EN 1186-1, 2, 3, 13 |
| CEN/TS 14234 |
| СД CEN/TS 14235 |
| БДС EN 14338 |
| 1. Content of residual vinyl chloride monomer in materials and articles from polyvinylchloride | БДС EN ISO 6401 |
| 1. Specific migration of terephthalic acid | БДС EN 13130-2 |
| 1. Specific migration of bisphenol А | CEN/ TS 13130-13 |
| 1. Specific migration of   1,2-dihydroxybenzene;  1,3-dihydroxybenzene;  1,4-dihydroxybenzene;  4,4'-dihydroxybenzophenone;  4,4'-dihydroxybiphenyl | CEN/ TS 13130-18 |
| 1. Specific migration of caprolactam and caprolactam salt | CEN/ TS 13130-16 |
| 1. Specific migration of formaldehyde and hexamethylenetetramine | CEN/ TS 13130-23 |
| 1. Specific migration of 2,4,6-triamino-1,3,5-triazine (melamine) | CEN/ TS 13130-27 |
| 1. Content of styrene in polystyrene | БДС ISO 2561 |
| 1. Content of ε-caprolactam и ω-laurolactam in polyamides | БДС EN ISO 11337 |
| 1. Specific migration of BADGE, BFDGE and their hydroxy and chlorinated derivatives | БДС EN 15136 |
| 1. Content of NOGE and its hydroxy and chlorinated derivatives | БДС EN 15137 |
| 1. Content in solutions, extracts and food simulants of: |  |
| As | IHM 04 |
| Al | IHM 04 |
| Ba | IHM 04  Ph. Eur., т. 3.1.1.1, 3.1.1.2, 3.1.10, 3.1.14, 3.1.15 |
| V | IHM 04 |
| Cd | IHM 04  Ordinance № 3/2007 of the Minister of Health and the Minister of Environment and Water (on non-plastic materials and articles intended for contact with food (SG № 56/2007), Annex № 3 to Art. 9  БДС EN 1388-1,2  ISO 6486-1  ISO 7086-1  ISO 8391-1  БДС EN ISO 3451-1,4,5  ISO 3451-2,3  БДС EN 1122  Ph. Eur., т. 3.1.1.1, 3.1.1.2, 3.1.10, 3.1.14  БДС CR 13695-1  БДС CEN/TR 13695-2  БДС EN 12498  БДС 4543, т.3.11.2 |
| Sn | Ph. Eur. т. 3.1.1.1, 3.1.5, 3.1.6, 3.1.10, 3.1.11, 3.1.14, 3.1.15 |
| Ca | Ph. Eur. т. 3.1.1.1, 3.1.5, 3.1.6, 3.1.10, 3.1.11, 3.1.14, 3.1.15 |
| Cr | IHM 04  БДС EN ISO 3451-1,4,5  ISO 3451-2,3  БДС EN 1122  Ph. Eur., 3.1.5, 3.1.6  БДС CR 13695-1  БДС CEN/TR 13695-2 |
| Hg | IHM 04  БДС EN ISO 3451-1,4,5  ISO 3451-2,3  БДС EN 1122  БДС CR 13695-1  БДС CEN/TR 13695-2  БДС EN 12497 |
| Pb | IHM 04  Ordinance № 3/2007 of the Minister of Health and the Minister of Environment and Water on non-plastic materials and articles intended for contact with food (SG № 56/2007), Annex № 3 to Art. 9  БДС EN 1388-1,2  ISO 6486-1  ISO 7086-1  ISO 8391-1  БДС EN ISO 3451-1,4,5  ISO 3451-2,3  БДС EN 1122  Ph. Eur., т. 3.1.1.1, 3.1.1.2, 3.1.1.3, 3.1.4, 3.1.5, 3.1.6, 3.1.7, 3.1.10, 3.1.11, 3.1.14  БДС CR 13695-1,  БДС CEN/TR 13695-2  БДС EN 12498  БДС 4543, т.3.11.2 |
| Ni | IHM 04 |
| Fe | IHM 04 |
| Sb | IHM 04  Ph. Eur., 3.1.15 |
| Se | IHM 04 |
| Co | IHM 04  Ph. Eur., 3.1.15 |
| Mn | IHM 04  Ph. Eur., 3.1.15 |
| Zn | IHM 04  Ph. Eur., т. 3.1.1.1, 3.1.5, 3.1.6, 3.1.10, 3.1.11, 3.1.14, 3.1.15 |
| Ti | Ph. Eur. т. 3.1.1.1, 3.1.5, 3.1.6, 3.1.10, 3.1.11, 3.1.14, 3.1.15 |
| Cu | IHM 04 |
| Li | IHM 04 |
| Mg | IHM 04 |
| K | IHM 04 |
| Na | IHM 04 |
| 1. Specific migration of acetaldehyde | IHM 02 |
| 1. Content of acetaldehyde in PET bottle polymer | ASTM F 2013 |
| 1. Content of acetaldehyde in PET bottles volume | IHM 11 (ASTM D 4509) |
| 1. Substances soluble in water | Ph. Eur., т. 3.1.1.1, 3.1.1.2, 3.1.14 |
| 1. Substances soluble in hexane | Ph. Eur., 3.1.4, 3.1.5, 3.1.6, 3.1.7 |
| 1. Substances soluble in dioxane | Ph. Eur., т. 3.1.15 |
| 1. Concentration of formaldehyde in an aqueous extract of paper and board | БДС ЕN 1541 |
| 1. Specific migration and content of primary aromatic amines | IHM 07  EUR24815 EN 2011 |
| 1. Specific migration and content of benzophenone | IHM 08 |
| 1. Specific migration of styrene and α-methylstyrene | IHM 12 |
| 1. Specific migration of acrylonitrile and acrylamide | IHM 13  CEN/TS 13130-10 |
| 1. Content of 1,3-butadiene | [БДС EN 13130-4](http://www.bds-bg.org/standard/info.php?standard_id=31350) |
| 1. Specific migration of monoethylene glycol and diethylene glycol | [БДС EN 13130-7](http://www.bds-bg.org/standard/info.php?standard_id=31353) |
| 1. Specific migration of 11-aminoundecanoic acid | [CEN/TS 13130-11](javascript:__doPostBack('_ctl20','')) |
| 1. Specific migration of ethylenediamine and hexamethylenediamine | [CEN/TS 13130-21](javascript:__doPostBack('_ctl0','')) |
| 1. Specific migration of 4-methyl-1-pentene | [CEN/TS 13130-25](javascript:__doPostBack('_ctl8','')) |
| 1. Specific migration of 1-octene and tetrahydrofurane | [CEN/TS 13130-26](javascript:__doPostBack('_ctl10','')) |
| 1. Content and specific migration of phthalates \*\* | IHM 14БДС EN 14372БДС EN 16453 |
| 1. Content of pentachlorophenol | IHM 09  БДС EN ISO 15320 |
| 1. Specific migration of antioxidants \*\* | IHM 15 |
| 1. Specific migration of dimethylaminoethanol | CEN/TS 13130-19 |
| 1. Specific migration of 1,1,1-trimethylolpropane | CEN/TS 13130-28 |
| 1. Specific migration of isophthalic acid | IHM 16 |
| 1. Specific migration and content of hydrocarbons from mineral oil (MOSH, MOAH, POSH, PAO) | IHM 22 |
| 1. Specific migration and content of benzophenones \*\* | IHM 19 |
| 1. Specific migration and content of photoinitiators \*\* | IHM 21 |
| 1. Specific migration and content of polycyclic aromatic hydrocarbons (РАН) \*\* | AfPS GS 2019:01 PAK  IHM 20: 2013 |
| 1. Content of diisopropylnaphthalene (DIPN) | БДС EN 14719 |
| 1. Content of ‎polychlorinated biphenyls (PCB) \*\*   (PCB 18, PCB 28, PCB 52, PCB 101, PCB 138, PCB 153, PCB 180) | БДС EN ISO 15318 |
| 1. Specific migration of vinyl acetate | CEN/TS 13130-9 |
| 1. Specific migration of mineral oils\*\* | IHM 25 |
| 1. Specific migration and content of plasticizers \*\* | IHM 26 |
| 1. Specific migration and content of impurities in plastics\*\* | IHM 27 |
| 1. Specific migration of maleic acid | БДС EN 13130-24 |
| 1. Specific migration and content of phenols and derivatives | IHM 29 |
| 1. Specific migration and content of organic acids | IHM 30 |
| 1. Specific migration of 1-hexene | IHM 31 |
| 1. Specific migration and content of 2,2-dimethyl- 1,3- propanediol | IHM 33 |
| 1. Resistance to vertical axial static load | БДС 17412 |
| 1. Resistance to vertical axial dynamic load | БДС 17412 |
| 1. Content of phenols, bisphenols and their derivatives | IHM 34 |
| 1. Content of marker compounds in recycled plastics | DIN CEN TS 16861 |
| 1. Specific migration of lantanides | IHM 35:2023 |
| 1. Specific migration of ammonium ion | IHM 36:2023 |
| 1. Specific migration of ESBO | IHM 37:2023 |
| 1. Specific migration and content of VOC (volatile organic compounds) | IHM 38: 2023  БДС EN 13628-1, 2 |
| 1. Specific migration and content of siloxane oligomers | IHM 39: 2023 |
| 1. Specific migration and content of alkylphenols | IHM 40: 2023 |
| II | TEXTILE AND TEXTILE PRODUCTS | 1. Colour change (Colour fastness) to: | - |
| * 1. Light | БДС EN ISO 105- B01, B02, B03, B04, B05, B06, B07 |
| * 1. Washing | БДС EN ISO 105- С06, С08, С09, С10, С12 |
| * 1. Dry cleaning | БДС EN ISO 105- D01 |
| * 1. Rubbing with organic solvents | БДС EN ISO 105- D02 |
| * 1. Water | БДС EN ISO 105- Е01, Е02, Е03, Е08 |
| * 1. Perspiration | БДС EN ISO 105- Е04 |
| * 1. Staining | БДС EN ISO 105- Е05, Е06, Е16 |
| * 1. Bleaching | БДС EN ISO 105- N01 |
| * 1. Dry heat | БДС EN ISO 105- Р01 |
| * 1. Organic solvents | БДС EN ISO 105- Х05 |
| * 1. Boiling | БДС EN ISO 105-Х06, Х08 |
| * 1. Formaldehyde | БДС EN ISO 105-Х09 |
| * 1. Hot pressing | БДС EN ISO 105-Х11 |
| * 1. Rubbing | БДС EN ISO 105-Х12 |
| 1. Colour characteristics | БДС EN ISO 105-J01, J02, J03  БДС EN ISO 20471  CIE 15 |
| 1. Colour fastness to dry cleaning and finishing | БДС EN ISO 3175-1,2 |
| 1. pH of aqueous extract | БДС EN ISO 3071 |
| 1. Structure | БДС 12674 |
| 1. Mass per unit area/ length | БДС EN 12127 |
| БДС EN ISO 9073-1 |
| БДС 12315 |
| 1. Slippage resistance of yarns at a seam/ fabric | БДС EN ISO 13936-1,2 |
| БДС 17407 |
| 1. Dimensional changes of fabrics and garments at washing, wet treatment, ironing, dry cleaning of fabrics and clothing | БДС EN ISO 6330  БДС ЕN ISO 5077  БДС ISO 7771  БДС 9425  DIN 53894-1,2  БДС EN ISO 3175-1,2  БДС EN ISO 3759 |
| 1. Number of threads/ weaves per unit length | БДС EN 1049-2  ISO 7211  БДС EN 14971  БДС 5512 |
| 1. Tensile strength | БДС EN ISO 13934-1,2  БДС EN ISO 9073-3  БДС EN 13895  БДС EN ISO 5079  БДС 8256  БДС 12315  БДС EN ISO 2062 |
| 1. Elongation at break | БДС EN ISO 13934-1,2  БДС 12315  БДС 5512  БДС EN ISO 9073-3  БДС EN ISO 2062  БДС EN 13895  БДС EN ISO 5079  БДС 13307 |
| 1. Force to seam rupture | БДС EN ISO 13935-1,2 |
| БДС 13307 |
| 1. Quantitative composition   (Acetates, triacetates, protein fibers, viscose, cupro, modal, cotton, polyamide, nylon, cellulose, polyester, acrylics, modacrylics, chlorofibers, silk, wool, animal hair fibers, jute, polypropylene fibers, elastanes, etc. and mixes between them) | OLNTP, Annex № 5, Section II: Methos:1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15,  Annex № 6  БДС EN ISO 1833-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26 |
| 1. Dimensional characteristics | БДС 13639  БДС 13640  БДС EN 13402-3  БДС ISO 8559-1, 2  БДС 13638  БДС 15409 |
| 1. Resistance to surface wetting | БДС EN ISO 4920 |
| 1. Tear strength | БДС EN ISO 13937-2,3,4  БДС EN ISO 9073-4  БДС EN ISO 4674-1 |
| 1. Abrasion resistance- mass loss | БДС EN ISO 12947-3 |
| 1. Resistance to pilling, fuzzing | БДС EN ISO 12945-2 |
| 1. Abrasion resistance- specimen breakdown | БДС EN ISO 12947-2,4  БДС EN 13770  БДС EN ISO 5470-2 |
| 1. Bias of stitch wales/ stitch courses | БДС 14036 |
| 1. Thickness | БДС EN ISO 5084 |
| 1. Bursting strength | БДС EN ISO 13938-2 |
| 1. Stability and permeability to acids and bases | БДС 11665 |
| 1. Spirality after laundering | ISO 16322-1,2,3 |
| 1. Linear density | БДС EN ISO 1973  БДС EN 13392  ISO 7211-5  БДС EN ISO 2060 |
| 1. Hygroscopicity | БДС 12006 |
| 1. Width/ length | БДС EN 1773 |
| 1. Elasticity of fabrics | БДС EN ISO 20932-1, 2, 3 |
| 1. Content of azo colorants | БДС EN ISO 14362-1,3 |
| БДС EN 71-10,11 |
| 1. Metal content (Antimony, Arsenic, Barium, Cadmium, Chromium (ІІІ), Chromium (VI), Cobalt, Copper, Iron, Lead, Manganese, Nickel, Zinc, Mercury) | BS 6810-1 |
| IHM 04 |
| БДС EN 16711-2 |
| 1. Demand absorbency -demand absorbency capacity DAC -maximum absorption rate MAR | БДС EN ISO 9073-12 |
| 1. Time of absorption | БДС EN 14697, Appendix В |
| 1. Mass | БДС 5512 |
| 1. Resistance to water penetration | БДС EN ISO 811  БДС EN 1734 |
| 1. Safe dimensions of cords and drawstrings on children's clothing | БДС EN 14682 |
| 1. Run-off | БДС EN ISO 9073-11 |
| 1. Determination of burning behaviour: |  |
| * whether any flaming reaches the upper edge or either vertical edge of the test specimen | БДС EN ISO 15025 |
| * afterflame time |  |
| * whether afterglow spreads beyond the flame spread area (usually the carbonized area) into the undamaged area |  |
| * afterglow time |  |
| * occurrence of melting |  |
| * occurrence of debris |  |
| * whether debris ignites the filter paper (flaming debris) or melts |  |
| * hole formation |  |
| * size of carbonized area |  |
| * time from the start of the application of the test flame until the severance of the lower (first) marker thread | БДС EN 1102 |
| * time from the start of the application of the test flame until the severance of the upper (third) marker thread |  |
| * Average time for each direction |  |
| * Flame spread rate until the severance of the upper (third) marker thread |  |
| * Average flame spread rate for each direction |  |
| * Number of specimens that failed to ignite |  |
| * Number of specimens which ignited, but failed to burn the first marker thread |  |
| * time from the start of the application of the test flame until the severance of the lower (first) marker thread | БДС EN ISO 6941  БДС EN 1103 |
| * time from the start of the application of the test flame until the severance of the middle (second) marker thread |  |
| * time from the start of the application of the test flame until the severance of the upper (third) marker thread |  |
| * Time of exposure to flame and observation of whether ignition has occurred or not | БДС EN ISO 6940  БДС EN 1625 |
| * Average ignition time for each direction |  |
| * Whether the textile material did not catch fire during exposure to flame for 20 s or at any other longer time |  |
| * Ignitability | BS 5852 |
| * Smouldering criteria: | БДС EN 1021-1 |
| * Unsafe escalating combustion |  |
| * Test assembly consumed |  |
| * Smoulders to extremities |  |
| * Smoulders through thickness |  |
| * Smoulders more than 1 h |  |
| * In the final examination, presence of progressive smouldering |  |
| * Flaming criteria: |  |
| * Occurrence of flames |  |
| * Smouldering criteria: | БДС EN 1021-2 |
| * Unsafe escalating combustion |  |
| * Test assembly consumed |  |
| * Smoulders to extremities |  |
| * Smoulders through thickness |  |
| * Smoulders more than 1 h |  |
| * In the final examination, presence of progressive smouldering |  |
| * Flaming criteria: |  |
| * Unsafe escalating combustion |  |
| * Test assembly consumed |  |
| * Flames to extremities |  |
| * Flames longer than 120 s |  |
| 1. Content of formaldehyde | БДС EN ISO 14184-1,2 |
| БДС EN 71-10,11 |
| 1. Halogens presence | IHM 01 |
| 1. Content/ quantity of released nickel from articles intended to come into direct and prolonged contact with the skin | БДС EN 1811 |
| БДС CR 12471 |
| БДС EN 12472 |
| IHM 04 |
| 1. Pattern/ percentage distribution of colours | IHM 06 |
| 1. Colour acc. catalogue | БДС EN 20105-A02 |
| 1. Permeability to air | БДС EN ISO 9237 |
| 1. Content of dimethyl fumarate (DMFU) | СД CEN ISO/TS 16186 |
| 1. Content of phthalates | БДС EN ISO 14389  СД CEN ISO/TS 16181 |
| 1. Oil repellency | БДС EN ISO 14419 |
| 1. Strength to ball puncturing | БДС 9585 |
| 1. Content of organotin compounds \*\*   (Methyl tin trichloride, Di-n-propyl tin dichloride, Butyl tin trichloride, Dibutyl tin dichloride, Tributyl tin chloride, n-Octyl tin trichloride, Di-n-octyl tin dichloride, Tetrabutyl tin, Diphenyl tin dichloride, Triphenyl tin chloride, Tricyclohexyltin chloride) | IHM 24 |
| БДС EN 71-3 |
| СД CEN ISO/TS 16179 |
| 1. Content of РАН \*\* (Naphthalene, Fluorene, Acenaphthylene, Acenaphthene, Anthracene, Phenanthrene, Pyrene, Fluoranthene, Chrysene, Benzo[a]anthracene, Benzo[k]fluoranthene, Benzo[b]fluoranthene, Benzo[j]fluoranthene, Indeno[1,2,3-cd]pyrene, Benzo[a]pyrene, Benzo[e]pyrene, Benzo[ghi]perylene, Dibenzo[a,h]anthracene) | IHM 20  СД CEN ISO/TS 16190  БДС EN 17132 |
| 1. Content of chlorinated phenols/ pentachlorophenol | БДС EN ISO 17070 |
| 1. Content of ethoxylated alkylphenols | БДС EN ISO 18218-2 |
| 1. Resistance to delamination | IHM 32 |
| 1. Оverall and effective widths of tapes, effective width of a closure | БДС EN 12240 |
| 1. Peel strength | БДС EN 12242 |
| 1. Dimensional change in washing and drying and dry cleaning | БДС EN 12243 |
| 1. Longitudinal shear strength | БДС EN 13780  БДС EN 1414 |
| 1. Behaviour of slit selvedges | БДС EN 1415 |
| 1. Determination of curvature | БДС EN 1416 |
| 1. Resistance to fraying after washing | БДС EN 14959 |
| III | TOYS AND CHILD CARE ARTICLES | 1. Safety- Mechanical and physical properties | - |
| * 1. General requirements for testing | БДС EN 71-1, cl. 8.1 |
| * 1. Small parts cylinder | БДС EN 71-1, cl. 8.2 |
| * 1. Torque test | БДС EN 71-1, cl. 8.3 |
| * 1. Tension test | БДС EN 71-1, cl. 8.4 |
| * 1. Drop test | БДС EN 71-1, cl. 8.5 |
| * 1. Tip over test | БДС EN 71-1, cl. 8.6 |
| * 1. Impact test | БДС EN 71-1, cl. 8.7 |
| * 1. Compression test | БДС EN 71-1, cl. 8.8 |
| * 1. Soaking test | БДС EN 71-1, cl. 8.9 |
| * 1. Accessibility of a part or component | БДС EN 71-1, cl. 8.10 |
| * 1. Sharpness of edges | БДС EN 71-1, cl. 8.11 |
| * 1. Sharpness of points | БДС EN 71-1, cl. 8.12 |
| * 1. Flexibility of metallic wires | БДС EN 71-1, cl. 8.13 |
| * 1. Expanding materials | БДС EN 71-1, cl. 8.14 |
| * 1. Leakage of liquid-filled toys | БДС EN 71-1, cl. 8.15 |
| * 1. Geometric shape of certain toys | БДС EN 71-1, cl. 8.16 |
| * 1. Folding or sliding mechanisms | БДС EN 71-1, cl. 8.18 |
| * 1. Electric resistivity of cords | БДС EN 71-1, cl. 8.19 |
| * 1. Cords cross-sectional dimension | БДС EN 71-1, cl. 8.20 |
| * 1. Static strength | БДС EN 71-1, cl. 8.21 |
| * 1. Stability | БДС EN 71-1, cl. 8.23 |
| * 1. Plastic sheeting | БДС EN 71-1, cl. 8.25 |
| * 1. Speed of electrically-driven ride-on toys | БДС EN 71-1, cl. 8.29 |
| * 1. Small balls and suction cups test | БДС EN 71-1, cl. 8.32 |
| * 1. Test for play figures | БДС EN 71-1, cl. 8.33 |
| * 1. Perimeter of cords and chains | БДС EN 71-1, cl. 8.36 |
| * 1. Yo-yo balls measurements | БДС EN 71-1, cl. 8.37 |
| * 1. Breakaway feature separation test | БДС EN 71-1, cl. 8.38 |
| * 1. Self- retracting cords | БДС EN 71-1, cl. 8.39 |
| * 1. Length of cords, chains and electrical cables | БДС EN 71-1, cl. 8.40 |
| 1. Flammability | БДС EN 71-2 |
| 1. Migration of aluminium, antimony, arsenic, barium, boron, cadmium, chromium, cobalt, copper, lead, manganese, mercury, nickel, selenium, strontium, tin, zinc | БДС EN 71-3 |
| IHM 04 |
| 1. Content of acrylamide, phenol, primary aromatic amines, bisphenol A, formaldehyde, pentachlorophenol, styrene, solvents, benzo(α) pyrene, hexachlorobenzene | БДС EN 14372 |
| БДС EN 71-10,11 |
| 1. pH value of an aqueous suspension of pigments and fillers | БДС EN ISO 787-9 |
| 1. Content of dimethyl fumarate (DMFU) | CD CEN ISO/TS 16186 |
| 1. Content of phthalates | IHM 14 |
| БДС EN 14372 |
| 1. Content of organotin compounds \*\*   (Methyl tin trichloride, Di-n-propyl tin dichloride, Butyl tin trichloride, Dibutyl tin dichloride, Tributyl tin chloride, n-Octyl tin trichloride, Di-n-octyl tin dichloride, Tetrabutyl tin, Diphenyl tin dichloride, Triphenyl tin chloride) | БДС EN 71-3 |
|  |
| 1. Content of N-nitrosamines and N-nitrosatable substances | IHM 24  БДС EN 12868 |
| 1. Content of polychlorinated biphenyls (PCB)\*\*   (HCB, PCB 11, PCB 28, PCB 52, PCB 101, PCB 118, PCB 153, PCB 138, PCB 180, PCB 209) | БДС EN 71-7 |
| 1. Content of РАН \*\* (Naphthalene , Fluorene, Acenaphthylene, Acenaphthene, Anthracene, Phenanthrene, Pyrene, Fluoranthene, Chrysene, Benzo[a]anthracene, Benzo[k]fluoranthene, Benzo[b]fluoranthene, Benzo[j]fluoranthene, Indeno[1,2,3-cd]pyrene, Benzo[a]pyrene, Benzo[e]pyrene, Benzo[ghi]perylene, Dibenzo[a,h]anthracene) | IHM 20  ZEK 01.4-08 |
| 1. Safety tests of cots and folding cots, cribs and playpens for domestic use | БДС EN 716-1  БДС EN 716-2  БДС EN 1130  БДС EN 12227 |
| 1. Safety tests of wheeled child conveyances- pushchairs and prams | БДС EN 1888-1  БДС EN 1888-2 |
| 1. Safety tests of reclined cradles | БДС EN 12790-1, 2 |
| 1. Safety tests of soft baby carrier | БДС EN 13209-2 |
| 1. Safety tests of children's high chairs | БДС EN 14988 |
| 1. Safety tests of children’s slings | СД CEN/TR 16512 |
| 1. Safety tests of drinking equipment | БДС EN 14350 |
| 1. Safety tests of changing units for domestic use | БДС EN 12221-1  БДС EN 12221-2 |
| 1. Safety tests of soothers for babies and young children | БДС EN 1400 |
| 1. Safety tests of bath tubs, stands and non-standalone bathing aids | БДС EN 17072  БДС EN 17022 |
| 1. Safety tests of mattresses for cots and cribs | БДС EN 16890 |
| 1. Safety tests of children's sleep bags for use in a cot | БДС EN 16781 |
| 1. Safety tests of children's cot bumpers | БДС EN 16780 |
| 1. Safety tests of children's cot duvets | БДС EN 16779-1 |
| 1. Safety tests of soother holder | БДС EN 12586 |
| 1. Safety tests of table mounted chairs | БДС EN 1272 |
| 1. Safety tests of baby walking frames | БДС EN 1273 |
| 1. Safety tests of carry cots and stands for domestic use | БДС EN 1466 |
| 1. Safety tests of chair mounted seat | БДС EN 16120 |
| 1. Safety tests of infant swings | БДС EN 16232 |
| 1. Safety tests of children's cot duvet covers | БДС EN 16779-2 |
| 1. Safety tests of baby bouncers | БДС EN 14036 |
| 1. Safety tests of children's harnesses, reins | БДС EN 13210-1,2 |
| 1. Safety tests of child seats for cycles | БДС EN 14344 |
| IV | LEATHER AND LEATHER ARTICLES | 1. Content of azo colorants | СД CEN ISO/TS 17234 |
| 1. Content of formaldehyde | БДС EN ISO 17226-2 |
| 1. pH of aqueous extract | БДС EN ISO 4045 |
| 1. Content of dimethyl fumarate (DMFU) | CD CEN ISO/TS 16186 |
| 1. Content of chromium VI | [БДС EN ISO 17075](http://www.bds-bg.org/standard/info.php?standard_id=50842) |
| 1. Content of phthalates \*\*   (Di-cyclohehyl phthalate, Diethyl phthalate, Dibutyl phthalate, Benzyl butyl phthalate, Bis(2-ethylhexyl) phthalate, di-n-octyl phthalate, Diisodecyl phthalate, Diisononyl phthalate, Diisobutyl phthalate, Di-pentyl phthalate, Di-iso-heptyl phthalate, Di-methoxyethyl phthalate) | СД CEN ISO/TS 16181 |
| 1. Content of pentachlorophenol | БДС EN ISO 17070 |
| 1. Content of organotin compounds \*\*   (Methyl tin trichloride, Di-n-propyl tin dichloride, Butyl tin trichloride, Dibutyl tin dichloride, Tributyl tin chloride, n-Octyl tin trichloride, Di-n-octyl tin dichloride, Tetrabutyl tin, Diphenyl tin dichloride, Triphenyl tin chloride, Tricyclohexyltin chloride) | СД CEN ISO/TS 16179 |
| 1. Content of РАН \*\* (Naphthalene, Fluorene, Acenaphthylene, Acenaphthene, Anthracene, Phenanthrene, Pyrene, Fluoranthene, Chrysene, Benzo[a]anthracene, Benzo[k]fluoranthene, Benzo[b]fluoranthene, Benzo[j]fluoranthene, Indeno[1,2,3-cd]pyrene, Benzo[a]pyrene, Benzo[e]pyrene, Benzo[ghi]perylene, Dibenzo[a,h]anthracene) | СД CEN ISO/TS 16190 |
| 1. Content of ethoxylated alkylphenols | БДС EN ISO 18218-2 |
| V | FOODS, DRINKS AND WATER | 1. Content of mineral oils in vegetable oils | ISO 17780 |
| 1. Content of benzophenone | IHM 08 |
| 1. Content of phthalates \*\*   (Di-cyclohehyl phthalate, Diethyl phthalate, Dibutyl phthalate, Benzyl butyl phthalate, Bis(2-ethylhexyl) phthalate, di-n-octyl phthalate, Diisodecyl phthalate, Diisononyl phthalate, Diisobutyl phthalate, Di-pentyl phthalate, Di-iso-heptyl phthalate, Di-methoxyethyl phthalate) | IHM 14 |
| 1. Content of mineral oil hydrocarbons (MOSH, MOAH, POSH, PAO) | IHM 22 |
| 1. Content of pentachlorophenol | IHM 09,  БДС EN ISO 15320 |
| 1. Content of РАН \*\* (Naphthalene, Fluorene, Acenaphthylene, Acenaphthene, Anthracene, Phenanthrene, Pyrene, Fluoranthene, Chrysene, Benzo[a]anthracene, Benzo[k]fluoranthene, Benzo[b]fluoranthene, Benzo[j]fluoranthene, Indeno[1,2,3-cd]pyrene, Benzo[a]pyrene, Benzo[e]pyrene, Benzo[ghi]perylene, Dibenzo[a,h]anthracene) | IHM 20 |
| 1. Specific migration and content of plasticizers \*\* | IHM 26 |
| 1. Specific migration and content of impurities in plastics \*\* | IHM 27 |
| 1. Specific migration and content of styrene and α-methylstyrene | IHM 12 |
| VI | CONSUMER GOODS | VI.1. Tests for safety, stability, strength and durability of furniture | БДС EN 581-1, 2, 3  БДС EN 1728  БДС EN 1022  БДС EN 1730  БДС EN 12727  БДС EN 1335-1, 2  БДС EN 14703  БДС EN 15372  БДС EN 16139  БДС EN 17191  БДС EN 1725  БДС EN 1729-1, 2  БДС EN 527-1, 2  БДС EN 747-1, 2  БДС EN 12520  БДС EN 12521  БДС EN 14183 |
| VI.2. Content of bisphenol А | IHM 34 |
| СД CEN/TS 17497 |
| VI.3. Content of polycyclic aromatic hydrocarbons (РАН) | AfPS GS 2019:01 PAK  IHM 20: 2013 |
| VI.4. Specific migration and content of alkylphenols | IHM 40: 2023 |
| VI.5. Specific migration and content of phthalates | IHM 14БДС EN 14372 БДС EN 16521 |
| VI.6. Content of residual solvents | БДС EN 13628-1, 2 |
| ASTM D 4526 |

***Flexible scope:*** *Implementing a new version of standards/documents or standards/documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by laboratory.*

\*\* Within the scope of its competence the laboratory is authorised to determine all characteristics (column 3) belonging to the product group (column 2) following an inspection / verification, availability of reference materials / certified reference materials and calibrated technical means. The laboratory maintains a detailed, dated list of products and characteristics belonging to the products mentioned in the scope of accreditation.

**Fixed scope references:**

1. OLNTP - Ordinance on the Labelling and Naming of Textile Products, promulgated in SG № 44/30.05.2006, in force since 10.06.2006 г.; amended and supplemented, SG № 52/29.06.2007 г., in force since 01.01.2008 г.; amended, SG № 93/24.11.2009 г., in force since 24.11.2009 г.; amended and supplemented, SG № 43/08.06.2010 г., in force since 15.09.2010 г.; amended and supplemented, SG № 31/20.04.2012 г., in force since 30.07.2012 г. Adopted with Decree of the Council of Ministers № 114 of 17.05.2006.

2. IHM 01:2012 Qualitative determination of the halogen presence in materials.

3. IHM 02:2019 Content of acetaldehyde in food simulants.

4. IHM 04:2021 Determination of elements in solutions, extracts, food simulants, and foods with atomic absorption spectrometry.

5. IHM 06:2012 Methodology for determination of pattern of camouflage fabrics.

6. IHM 07:2019 Content of primary aromatic amines in food simulants, foods, waters and paper.

7. IHM 08:2019 Content of benzophenone in food simulants, foods, paper and board.

8. IHM 09:2014 Content of pentachlorophenol in water and aqueous extracts.

9. IHM 11:2019 (ASTM D 4509) Content of acetaldehyde in PET bottles volume.

10. IHM 12:2019 Content of styrene and α-methylstyrene in food simulants.

11. IHM 13:2019 Content of acrylonitrile and acrylamide in food simulants.

12. IHM 14:2019 Content of phthalates in food simulants, foods, water and materials.

13. IHM 15:2019 Content of antioxidants in food simulants.

14. IHM 16:2019 Content of isophthalic acid in food simulants.

15. IHM 19:2019 Content of benzophenones in food simulants, foods, paper and board.

16. IHM 20:2019 Content of polycyclic aromatic hydrocarbons (РАН).

17. IHM 21:2019 Content of photo initiators in food simulants, foods, paper and board.

18. IHM 22:2019 Content of hydrocarbons from mineral oils (MOSH, MOAH) or plastics (POSH, PAO).

19. IHM 24:2014 Content of N-nitrosamines and N-nitrosatable substances.

20. IHM 25:2014 Specific migration of mineral oils.

21. IHM 26:2019 Specific migration and content of plasticizers.

22. IHM 27:2019 Specific migration and content of impurities in plastics.

23. IHM 28:2020 Chlorinated phenols in textile and leathers.

24. IHM 29:2020 Specific migration and content of phenols and phenol derivatives.

25. IHM 30:2020 Specific migration and content of organic acids.

26. IHM 31:2020 Specific migration of 1-hexene.

27. IHM 32:2020 Resistance to delamination.

28. IHM 33:2020 Specific migration and content of 2,2-Dimethyl-1,3-propanediol.

29. IHM 34:2020 Content of phenols, bisphenols and their derivatives in paper and board.

30. IHM 35:2023 Specific migration and content of lanthanides.

31. IHM 36:2023 Specific migration and content of ammonium ion.

32. IHM 37:2023 Specific migration and content of ESBO.

33. IHM 38:2023 Specific migration and content of benzene.

34. IHM 39:2023 Specific migration and content of siloxane oligomers.

35. IHM 40:2023 Specific migration and content of alkylphenols.

36. Ph. Eur. European Pharmacopoeia, 11 edition.

**To perform calibration of:**

| **Type of the scope:** *fixed* | | | | | |
| --- | --- | --- | --- | --- | --- |
| **№** | Type of measuring instrument | Measured quantuty, measurement unit | Measurement  range | Measurement  uncertainty | Calibration method |
| **1** | **2** | **3** | **4** | **5** | **6** |
| 1. | Piston-operated volumetric apparatus:  - single-channel and multi-channel pipettes with fixed or variable volume  - burettes,  - dilutors,  - dispensers | Volume,  l, cm3 | From 0,5 µl to 10 µl | 0,05 µl | Volume calibration,  using gravimetric method acc. БДС EN ISO 8655-6: 2022 and  ISO/TR 20461:2023 |
| From 10 µl to 20 µl | From 0,05 µl to 0,08 µl |
| From 20 µl to 50 µl | From 0,08 µl to 0,23 µl |
| From 50 µl to 100 µl | From 0,23 µl to 0,26 µl |
| From 100 µl to 200 µl | From 0,26 µl to 0,42 µl |
| From 200 µl to 500 µl | From 0,42 µl to 1,3 µl |
| From 500 µl to 1000 µl | From 1,3 µl to 2,7 µl |
| From 1000 µl to 2500 µl | From 2,7 µl to 3,9 µl |
| From 2,5 ml to 5,0 ml | From 3,9 µl to 23 µl |
| From 5,0 ml to 10,0 ml | From 23 µl to 41 µl |
| From 10,0 ml to 50,0 ml | From 41 µl to 52 µl |

**Note:** Calibration of the specified measuring instruments is performed in the laboratory.