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testing methods sorted by areas	Issue / Version	title	category of flexibility
Test area: Physical, physico-chemical and mechanical-technological tests on leather, plastics, textiles, coated textiles, collagen and pericardium; testing on personal protective equipment (included in partial accreditation certificate D-PL-17362-01-01)			
1 physical and mechanical-technological testing methods			
1.1 Strength properties; tensile, compressive and tear propagation properties			
DIN ISO 48-4	2021-02	Rubber, vulcanized or thermoplastic – Determination of hardness – Part 4: Indentation hardness by durometer method (here: only Shore hardness A and D)	A
DIN EN ISO 527-1	2019-12	Plastics – Determination of tensile properties – Part 1: General principles	A
DIN EN ISO 527-2	2012-06	Plastics – Determination of tensile properties – Part 2: Test conditions for moulding and extrusion plastics	A
DIN EN ISO 527-3	2019-02	Plastics – Determination of tensile properties – Part 3: Test conditions for films and sheets	A
DIN EN ISO 844	2021-07	Rigid cellular plastics – Determination of compression properties	A
DIN EN ISO 868	2003-10	Plastics and ebonite - Determination of indentation hardness by means of a durometer (Shore hardness)	A
DIN EN ISO 1421	2017-03	Rubber- or plastics-coated fabrics – Determination of tensile strength and elongation at break	A
DIN EN ISO 1798	2008-04	Flexible cellular polymeric materials – Determination of tensile strength and elongation at break	A
DIN EN ISO 1856	2020-11	Flexible cellular polymeric materials – Determination of compression set	A
DIN EN 1875-3	1998-02	Rubber- or plastics-coated fabrics – Determination of tear strength – Part 3: Trapezoidal method	A
DIN EN 1875-3	2023-04	Rubber- or plastics-coated fabrics – Determination of tear strength – Part 3: Trapezoidal method	A
DIN EN ISO 2411	2018-02	Rubber- or plastics-coated fabrics – Determination of coating adhesion	A
DIN EN ISO 2411	2024-11	Rubber- or plastics-coated fabrics – Determination of coating adhesion	A
DIN EN ISO 3376	2020-08	Leather – Physical and mechanical tests – Determination of tensile strength and percentage extension	A
DIN EN ISO 3377-1	2012-03	Leather – Physical and mechanical tests – Determination of tear load – Part 1: Single edge tear	A
DIN EN ISO 3377-2	201607	Leather – Physical and mechanical tests – Determination of tear load – Part 2: Double edge tear	A
DIN EN ISO 3377-2	2026-01	Leather – Physical and mechanical tests – Determination of tear load – Part 2: Double edge tear	A
DIN EN ISO 3378	2003-10	Leather – Physical and mechanical tests – Determination of resistance to grain cracking and grain crack index	A
DIN EN ISO 3386-1	2015-10	Polymeric materials, cellular flexible – Determination of stress-strain characteristics in compression – Part 1: Low-density materials	A
DIN EN ISO 3386-1	2025-10	Polymeric materials, cellular flexible – Determination of stress-strain characteristics in compression – Part 1: Low-density materials	A
DIN EN ISO 3386-2	2010-09	Polymeric materials, cellular flexible – Determination of stress-strain characteristics in compression – Part 2: High-density materials	A
DIN EN ISO 4674-1	2017-03	Rubber- or plastics-coated fabrics – Determination of tear resistance – Part 1: Constant rate of tear methods	A
DIN EN ISO 6383-1	2016-05	Plastics – Film and sheeting – Determination of tear resistance – Part 1: Trouser tear method	A
DIN EN ISO 9073-4	2021-05	Textiles – Test methods for nonwovens – Part 4: Determination of tear resistance	A
DIN EN ISO 11644	2009-09	Leather – Test for adhesion of finish	A
DIN EN ISO 11644	2023-02	Leather – Test for adhesion of finish	A
DIN EN ISO 13934-1	2013-08	Textiles – Tensile properties of fabrics – Part 1: Determination of maximum force and elongation at maximum force using the strip method	A
DIN EN ISO 13935-1	2014-07	Textiles – Seam tensile properties of fabrics and made-up textile articles – Part 1: Determination of maximum force to seam rupture using the strip method	A
DIN EN ISO 13937-2	2000-06	Textiles – Tear properties of fabrics – Part 2: Determination of tear force of trouser-shaped test specimens (single tear method)	A
DIN EN 15977	2011-05	Rubber- or plastics-coated fabrics – Mechanical properties – Determination of the elongation under load and the residual deformation	A
DIN EN 16653	2015-05	Rubber- or plastics-coated fabrics – Determination of stitch tear resistance (using a needle)	A
DIN EN ISO 17236	2016-07	Leather – Physical and mechanical tests – Determination of extension set	A
DIN EN ISO 17236	2025-08	Leather – Physical and mechanical tests – Determination of extension set	A
DIN EN ISO 17696	2018-12	Footwear – Test methods for uppers, lining and insoles – Tear strength	A
DIN EN ISO 17706	2018-12	Footwear – Test methods for uppers – Tensile strength and elongation	A
DIN EN ISO 23910	2019-10	Leather – Physical and mechanical tests – Measurement of stitch tear resistance	A
DIN 53325	1974-01	Testing of leather – Ball compression test for determination of grain expansion capacity and the fracture with the lastometer (withdrawn standard)	A
DIN 53354	1981-02	Testing of artificial leather – Tensile test (withdrawn standard)	A
DIN 53356	1982-08	Testing of artificial leather and similar sheet materials – Tear growth test (withdrawn standard)	A
DIN 53357	1982-10	Testing of plastic sheets – Adhesion test (withdrawn standard)	A
DIN 53360	1982-05	Testing of artificial leather and similar sheet materials – Determination of the total elongation (static elongation) and irreversible elongation (withdrawn standard)	A
DIN 53363	2003-10	Testing of plastic films – Tear test using trapezoidal test specimen with incision	A
DIN 54301	1977-07	Testing of textiles – Determination of the needle tearing out resistance of nonwoven textiles (withdrawn standard)	A

PV 3909	2019-04	Non-metallic planar materials - Measurement of static and permanent elongation	-
PV 3919	2010-01	Fibre fleece damping - Determination of compression hardness (without component test)	-
FILK-QMA-1088	2019-10	Collagen fleece - Determination of tensile strength and percentage elongation	-
FILK-QMA-1095	2019-10	Pericard – Determination of tensile strength and percentage elongation	-
1.2 Toughness properties			
DIN EN ISO 179-1	2010-11	Plastics – Determination of Charpy impact properties – Part 1: Non-instrumented impact test	A
DIN EN ISO 179-1	2023-10	Plastics – Determination of Charpy impact properties – Part 1: Non-instrumented impact test	A
DIN EN ISO 8256	2005-05	Plastics - Determination of tensile-impact strength here only: method A	A
DIN EN ISO 8256	2024-03	Plastics - Determination of tensile-impact strength here only: method A	A
DIN 53435	2018-09	Testing of plastics - Bending test and impact test on dynstat test specimens	A
DIN 53435	2024-10	Testing of plastics - Bending test and impact test on dynstat test specimens	A
1.3 Deformation behaviour; bending properties			
DIN EN ISO 178	2019-08	Plastics – Determination of flexural properties (without method IV – Measurement with deflection measuring device)	A
DIN EN 1876-1	1998-01	Rubber- or plastics-coated fabrics – Low-temperature tests – Part 1: Bending test	A
DIN EN 1876-2	1998-01	Rubber- or plastics-coated fabrics – Low-temperature tests – Part 2: Impact test on loop	A
DIN EN ISO 3379	2015-12	Leather – Determination of distension and strength of surface (Ball burst method)	A
DIN EN ISO 3379	2025-01	Leather – Determination of distension and strength of surface (Ball burst method)	A
DIN EN ISO 14087	2012-03	Leather – Physical and mechanical tests – Determination of bending force	A
DIN EN ISO 14087	2023-01	Leather – Physical and mechanical tests – Determination of bending force	A
DIN EN ISO 14125	2011-05	Fibre-reinforced plastic composites – Determination of flexural properties only method A: Three-point procedure	A
DIN EN ISO 22751	2020-12	Rubber or plastic coated fabrics – Physical and mechanical test – Determination of bending force	A
DIN 53121	2014-08	Testing of paper and board – Determination of the bending stiffness by the beam method	A
DIN 53350	1980-01	Testing of plastic film and coated textile fabrics, manufactured using plastics - determination of stiffness in bending - method according to Ohlsen	A
DIN 53350	2022-12	Testing of plastic film and coated textile fabrics, manufactured using plastics - determination of stiffness in bending - method according to Ohlsen	A
VDA 230-209	2008-05	Leather, Plastic roll stock and textiles for motor vehicles – Determination of flexural properties	A
VDA 230-209	2022-09	Leather, Plastic roll stock and textiles for motor vehicles – Determination of flexural properties	A
PV 3903	2009-07	Non-Metallic Planar Materials - Measurement of Bending Stiffness	-
BMW AA-0551	2020-05	Bending Stiffness - 2-point procedure	-
1.4 General material properties, basic parameters, metric and gravimetric properties			
DIN EN ISO 845	2009-10	Cellular plastics and rubbers – Determination of apparent density	A
DIN EN ISO 1183-1	2019-09	Plastics – Methods for determining the density of non-cellular plastics – Part 1: Immersion method, liquid pycnometer method (method A) and titration method (method B) (here only: method A)	A
DIN EN ISO 1183-1	2025-09	Plastics – Methods for determining the density of non-cellular plastics – Part 1: Immersion method, liquid pycnometer method (method A) and titration method (method B) (here only: method A)	A
DIN EN ISO 1923	1995-06	Cellular plastics and rubbers – Determination of linear dimensions	A
DIN EN ISO 2286-2	2017-01	Rubber- or plastics-coated fabrics – Determination of roll characteristics – Part 2: Methods for determination of total mass per unit area, mass per unit area of coating and mass per unit area of substrate	A
DIN EN ISO 2286-3	2017-01	Rubber- or plastics-coated fabrics – Determination of roll characteristics – Part 3: Method for determination of thickness	A
DIN EN ISO 2420	2017-05	Leather – Physical and mechanical tests – Determination of apparent density and mass per unit area	A
DIN EN ISO 2589	2016-07	Leather – Physical and mechanical tests – Determination of thickness	A
DIN ISO 4593	2019-06	Plastics – Film and sheeting – Determination of thickness by mechanical scanning	A
DIN EN ISO 5084	1996-10	Textiles – Determination of thickness of textiles and textile products	A
DIN EN ISO 9073-2	1997-02	Textiles – Test methods for nonwovens – Part 2: Determination of thickness (only method A)	A
DIN EN 12127	1997-12	Textiles – Fabrics – Determination of mass per unit area using small samples	A
DIN EN ISO 14268	2013-03	Leather – Physical and mechanical tests – Determination of water vapour permeability	A
DIN EN ISO 14268	2023-05	Leather – Physical and mechanical tests – Determination of water vapour permeability	A
DIN EN ISO 17130	2021-06	Leather – Physical and mechanical tests – Determination of dimensional change	A
DIN EN ISO 17186	2012-03	Leather – Physical and mechanical tests – Determination of surface coating thickness	A
DIN EN ISO 17229	2016-06	Leather – Physical and mechanical tests – Determination of water vapour absorption	A
DIN 53122-1	2001-08	Testing of plastic and elastomer films, paper, board and other sheet materials – Determination of water vapour transmission – Part 1: Gravimetric method	A
DIN 53377	2021-11	Testing of plastic films – Determination of dimensional stability	A
DIN 53377	2024-08	Testing of plastic films – Determination of dimensional stability	A
FILK-QMA-1001	2019-10	Leather - Determination of thickness Leather here: Test instruction also for pericard and collagen fleece	-
1.5 Surface properties; Tribological properties; Fastness and resistance properties			
DIN EN ISO 105-A01	2010-05	Textiles – Tests for colour fastness – Part A01: General principles of testing	A
DIN EN 20105-A02	1994-10	Textiles – Tests for colour fastness – Part A02: Grey scale for assessing change in colour	A
DIN EN ISO 105-A03	2020-02	Textiles – Tests for colour fastness – Part A03: Grey scale for assessing staining	A
DIN EN ISO 105-A04	1999-10	Textiles – Tests for colour fastness – Part A04: Method for the instrumental assessment of the degree of staining of adjacent fabrics	A

DIN EN ISO 105-A05	1997-07	Textiles – Tests for colour fastness – Part A05: Instrumental assessment of change in colour for determination of grey scale rating	A
DIN EN ISO 105-E01	2013-06	Textiles – Tests for colour fastness – Part E01: Colour fastness to water	A
DIN EN ISO 105-E04	2013-08	Textiles – Tests for colour fastness – Part E04: Colour fastness to perspiration	A
DIN EN ISO 105-E07	2010-08	Textiles – Tests for colour fastness – Part E07: Colour fastness to spotting: Water	A
DIN EN ISO 105-E16	2007-09	Textiles – Tests for colour fastness – Part E16: Colour fastness to water spotting on upholstery fabrics	A
DIN EN ISO 105-X12	2016-11	Textiles – Tests for colour fastness – Part X12: Colour fastness to rubbing	A
DIN EN ISO 2409	2020-12	Paints and varnishes – Cross-cut-test	A
DIN EN ISO 2813	2015-02	Paints and varnishes – Determination of gloss value at 20°, 60° and 85°	A
DIN EN ISO 3668	2020-05	Paints and varnishes – Visual comparison of colour of paints	A
DIN EN ISO 5402-1	2017-05	Leather – Determination of flex resistance – Part 1: Flexometer method	A
DIN EN ISO 5402-1	2022-07	Leather – Determination of flex resistance – Part 1: Flexometer method	A
DIN EN ISO 5403-1	2012-03	Leather – Determination of water resistance – Part 1: Repeated linear compression (penetrometer)	A
DIN EN ISO 5470-1	2017-04	Rubber- or plastics-coated fabrics – Determination of abrasion resistance – Part 1: Taber abrader	A
DIN EN ISO 5470-2	2021-11	Rubber- or plastics-coated fabrics – Determination of abrasion resistance – Part 2: Martindale abrader	A
DIN ISO 9352	2018-08	Plastics – Determination of resistance to wear by abrasive wheels	A
DIN EN ISO 11640	2018-11	Leather – Tests for colour fastness – Colour fastness to cycles of to-and-fro rubbing	A
DIN EN ISO 11641	2013-02	Leather – Tests for colour fastness – Colour fastness to perspiration	A
DIN EN ISO 11641	2026-02	Leather – Tests for colour fastness – Colour fastness to perspiration	A
DIN EN ISO 11642	2013-02	Leather – Tests for colour fastness – Colour fastness to water	A
DIN EN ISO 12945-2	2021-04	Textiles – Determination of fabric propensity to surface pilling, fuzzing or matting – Part 2: Modified Martindale method	A
DIN EN ISO 12947-2	2017-03	Textiles – Determination of the abrasion resistance of fabrics by the Martindale method – Part 2: Determination of specimen breakdown	A
DIN EN 14327	2004-03	Leather - Physical and mechanical tests - Determination of abrasion resistance of automotive leather	A
DIN EN ISO 15700	1999-10	Leather – Tests for colour fastness – Colour fastness to water spotting	A
DIN EN ISO 15701	2015-07	Leather – Tests for colour fastness – Colour fastness to migration into polymeric material	A
DIN EN ISO 15701	2022-10	Leather – Tests for colour fastness – Colour fastness to migration into polymeric material	A
DIN EN 15973	2011-05	Rubber- or plastic-coated fabrics – Upholstery fabrics – Resistance to soiling	A
DIN EN ISO 17076-1	2020-05	Leather – Determination of abrasion resistance – Part 1: Taber method	A
DIN EN ISO 17076-2	2011-09	Leather – Determination of abrasion resistance – Part 2: Martindale ball plate method	A
DIN EN ISO 17502	2013-08	Leather – Determination of surface reflectance	A
DIN EN ISO 17694	2016-10	Footwear – Test methods for uppers and lining – Flex resistance	A
DIN EN ISO 20433	2013-01	Leather – Tests for colour fastness – Colour fastness to crocking	A
DIN EN ISO 26082-1	2019-11	Leather – Physical and mechanical test methods for the determination of soiling – Part 1: Rubbing (Martindale) method	A
DIN EN ISO 32100	2019-02	Rubber- or plastics-coated fabrics – Physical and mechanical tests – Determination of flex resistance by the flexometer method	A
DIN 53351	2003-09	Testing of artificial leather and similar sheet materials – Behaviour at permanent folding (Flexometer-method) (withdrawn standard)	A
DIN 53359	2006-11	Testing of artificial leather and similar sheet materials – Flex cracking test	A
VDA 230-205	2005-04	Automotive leather – Determination loose grain effect	A
VDA 230-205	2021-10	Automotive leather – Determination loose grain effect	A
VDA 230-206	2023-10	Examination of the stick-slip behaviour of material pairs	A
VDA 230-206	2021-10	Examination of the stick-slip behaviour of material pairs	A
VDA 230-206 Teil 1	2005-05	Examination of the stick-slip behaviour of material pairs – General section	A
VDA 230-206 Teil 2	2005-05	Examination of the stick-slip behaviour of material pairs – Specific section – Leather against leather	A
VDA 230-206 Teil 3	2007-11	Examination of the stick-slip behaviour of material pairs – Specific section – Plastic sheets against plastic sheets	A
VDA 230-211	2020-12	Leather and Coated Textiles for Automotive Interior Trim - Determination of abrasion resistance by Martindale ball plate method	A
VDA 230-212	2021-09	Leather, Plastic roll stock and textiles for use in vehicles – Determining the soiling and cleaning properties – process using soiling fabric	A
VDA 230-217	2018-10	Plastic Roll Goods for Motor Vehicle Interior Trim - Test of Low Temperature Resistance Method A – Impact test on loop; Method B – Ball impact test	A
VDA 230-218	2020-05	Plastic Roll Goods for Motor Vehicle Interiors - Test procedure for scratch resistance - scuffing	A
PV 3356	2020-05	Textiles - Soiling and Cleaning Behavior	-
PV 3906	2021-11	Non-Metallic Planar Materials - Testing of Abrasion Behavior	-
PV 3952	2021-03	Plastic Interior Components - Testing of Scratch Resistance	-
PV 3968	2018-06	Leather - Soiling Behavior	-
PV 3987	2016-11	Scrub Resistance (Micro-Scratch Resistance) of High-Gloss Surfaces in the Vehicle Interior	-
BMW AA-0412	2020-07	Abrasion Test of Leather by Means of a Ball Plate	-
BMW GS 97034-2	2021-04	Surface test of motor vehicle interior materials - Finger nail test	-
BMW GS 97034-8	2021-04	Surface test of motor vehicle interior materials - Determination of the scratch inclination	-
BMW GS 97034-9	2021-04	Surface test of motor vehicle interior materials - Scratch test	-
BMW GS 97034-10	2021-04	Surface test of motor vehicle interior materials - Scratch and abrasion resistance	-
GMW3208	2012-06	Rotary Abrasion Test, Taber Type	-
1.6 Ageing and material fatigue; Weathering properties and environmental simulations			

DIN EN ISO 105-B02	2014-11	Textiles – Tests for colour fastness – Part B02: Colour fastness to artificial light: Xenon arc fading lamp test	A
DIN EN ISO 105-B06	2020-12	Textiles – Tests for colour fastness – Part B06: Colour fastness and ageing to artificial light and high temperatures: Xenon arc fading lamp test	A
DIN EN ISO 2440	2020-03	Flexible and rigid cellular polymeric materials – Accelerated ageing tests	A
DIN EN ISO 2440	2025-09	Flexible and rigid cellular polymeric materials – Accelerated ageing tests	A
DIN EN ISO 6270-2	2018-04	Paints and varnishes – Determination of resistance to humidity – Part 2: Condensation (in-cabinet exposure with heated water reservoir) here: only Constant condensation climate (CH)	A
DIN EN ISO 17228	2015-06	Leather – Tests for colour fastness – Change in colour with accelerated ageing	A
SAE J2412	2024-02	Accelerated Exposure of Automotive Interior Trim Components Using a Controlled Irradiance Xenon-Arc Apparatus	A
SAE J2412	2015-08	Accelerated Exposure of Automotive Interior Trim Components Using a Controlled Irradiance Xenon-Arc Apparatus	A
VDA 75202	2001-08	Materials for motor vehicle interior equipment – Colour fastness examination and ageing behaviour to light at high temperatures – Xenon arc light (withdrawn standard)	A
PV 1303	2021-05	Non-Metallic Materials - Xenon Arc Light Aging of Vehicle Interior Components	-
BMW AA-0213	2018-02	Condensation Water Constant Atmosphere Test	-
GMW14162	2016-11	Colorfastness to Artificial Weathering	-
2 Physico-chemical tests			
2.1 Thermo-analytical tests			
DIN EN ISO 11357-2	2020-08	Plastics –Differential scanning calorimetry (DSC) – Part 2: Determination of glass transition temperature and step height	A
DIN EN ISO 11357-3	2018-07	Plastics – Differential scanning calorimetry (DSC) – Part 3: Determination of temperature and enthalpy of melting and crystallization	A
DIN EN ISO 11357-6	2018-07	Plastics – Differential scanning calorimetry (DSC) – Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT)	A
DIN EN ISO 11358-1	2014-10	Plastics – Thermogravimetry (TG) of polymers – Part 1: General principles	A
2.2 Emission tests			
ISO 6452	2021-05	Rubber- or plastics-coated fabrics – Determination of fogging characteristics of trim materials in the interior of automobiles	A
DIN EN ISO 17071	2011-12	Leather – Physical and mechanical tests – Determination of fogging characteristics	A
DIN EN ISO 17226-3	2011-09	Leather – Chemical determination of formaldehyde content – Part 3: Determination of formaldehyde emissions from leather	A
DIN 75201	2011-11	Determination of fogging characteristics of trim materials in the interior of automobiles	A
DIN 75201	2023-11	Determination of fogging characteristics of trim materials in the interior of automobiles	A
DIN 75201	2024-06	Determination of fogging characteristics of trim materials in the interior of automobiles	A
PV 3015	2019-03	Fogging behaviour of materials used in the vehicle interior – Gravimetric determination of condensable components	-
PV 3341	1995-03	Non-metallic materials in automotive interior trim – Determination of emission of organic compounds	-
PV 3925	2021-01	Polymer materials – Measuring emissions of formaldehyde	-
VDA 275	1994-07	Moulded composites and fleeces for vehicles – Determination of formaldehyde release – Test procedure called modified flask method	A
VDA 277	1995-01	Non-metallic materials of vehicle interior – Determination of emission of organic compounds	A
VDA 278	2016-05	Thermal desorption analysis of organic emissions for the characterization of non-metallic materials for automobiles	A
3 Odour tests; sensory tests			
PV 3900	2019-04	Vehicle interior components – Odour test	-
VDA 270	2018-06	Determination of the odour characteristics of trim materials in motor vehicles	A
VDA 270	2022-05	Determination of the odour characteristics of trim materials in motor vehicles	A
4 Tests on Personal Protective Equipment (PPE)			
DIN EN 388	2019-03	Protective gloves against mechanical risks 6.1 abrasion resistance 6.5 puncture resistance	A
DIN EN 863	1995-11	Protective clothing, Mechanical properties – Test method; Puncture resistance	A
E DIN EN ISO 20344	2020-06 (Entwurf)	Personal protective equipment – Test methods for footwear here only: 6.6 Determination of water vapour permeability 6.7 Determination of water vapour absorption 6.8 Determination of water vapour coefficient	A
DIN EN ISO 20344	2022-04	Personal protective equipment – Test methods for footwear here only: 6.6 Determination of water vapour permeability 6.7 Determination of water vapour absorption 6.8 Determination of water vapour coefficient	A
DIN EN ISO 20344	2024-04	Personal protective equipment – Test methods for footwear here only: 6.6 Determination of water vapour permeability 6.7 Determination of water vapour absorption 6.8 Determination of water vapour coefficient	A

5 Special analysis; Other methods			
DIN EN ISO 4628-1	2016-07	Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 1: General introduction and designation system	A
DIN EN ISO 4628-2	2016-07	Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 2: Assessment of degree of blisterin	A
DIN EN ISO 4628-4	2016-07	Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 4: Assessment of degree of cracking	A
DIN EN ISO 4628-5	2016-07	Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 5: Assessment of degree of flaking	A
DIN EN ISO 17131	2020-07	Leather – Identification of leather with microscopy (here: only scanning electron microscopy (SEM) and light microscopy)	A
FILK-QMA-1201	2019-10	Microscopic assessment of full grain of leather	-
Test area:			
Analysis of hazardous substances in textiles, leathetr and plastics			
Physico-chemical and chemical analysis of collagen-containing products and plastics			
(contained in partial accreditation certificate D-PL-17362-01-02)			
1 Analysis of hazardous substances in textiles, leather, plastics and chemical raw materials, intermediates and end products			
DIN EN ISO 10195	2021-10	Leather – Chemical determination of chromium(VI) content in leather – Thermal pre-ageing of leather and determination of hexavalent chromium	A
DIN EN ISO 11936	2023-10	Leather - Determination of total content of certain bisphenols	
DIN EN 13130-4	2004-08	Materials and articles in contact with foodstuffs – Plastic substances subject to limitation – Part 4: Determination of 1,3-butadiene in plastics	A
DIN EN ISO 13365-1	2020-12	Leather – Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography – Part 1: Acetonitrile extraction method	A
DIN EN ISO 13365-2	2020-12	Leather – Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography – Part 2: Artificial perspiration extraction method	A
DIN EN ISO 14184-1	2011-12	Textiles – Determination of formaldehyde – Part 1: Free and hydrolysed formaldehyde (water extraction method)	A
DIN EN ISO 14362-1	2017-05	Textiles – Methods for determination of certain aromatic amines derived from azo colorants – Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres (except extraction with xylene)	A
DIN EN ISO 14389	2014-10	Textiles – Determination of the phthalate content – Tetrahydrofuran method	A
DIN CEN/TS 15968 DIN SPEC 1038	2010-11	Determination of extractable perfluorooctanesulfonate (PFOS) in coated and impregnated solid articles, liquids and fire fighting foams – Method for sampling, extraction and analysis by LC-qMS or LC-tandem/MS	A
DIN EN ISO 16181-1	2021-07	Footwear – Critical substances potentially present in footwear and footwear components – Part 1: Determination of phthalate with solvent extraction	A
DIN EN ISO 16186	2021-09	Footwear – Critical substances potentially present in footwear and footwear components – Determination of dimethyl fumarat	A
DIN EN ISO 16189	2022-03	Footwear – Critical substances potentially present in footwear and footwear components – Test method to quantitatively determine dimethylformamide in footwear materials (Modification: extension to benzene, toluene and N,N-dimethylacetamide)	A
DIN EN 16778	2016-10	Protective gloves – The determination of Dimethylformamide in gloves	A
DIN EN ISO 17070	2015-05	Leather – Chemical tests – Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content	A
DIN EN ISO 17075-1	2017-05	Leather – Chemical tests – Determination of chromium(VI) content in leather – Part 1: Colorimetric method	A
DIN EN ISO 17075-2	2017-05	Leather – Chemical tests – Determination of chromium(VI) content in leather – Part 2: Chromatographic method	A
DIN EN 17131	2019-09	Textiles and textile products – Determination of Dimethylformamide (DMF), method using gas chromatography	A
DIN EN ISO 17226-1	2021-05	Leather – Chemical determination of formaldehyde content – Part 1: Method using high performance liquid chromatography	A
DIN EN ISO 17226-3	2011-09	Leather – Chemical determination of formaldehyde content – Part 3: Determination of formaldehyde emissions from leather	A
DIN EN ISO 17234-1	2020-12	Leather – Chemical tests for the determination of certain azo colorants in dyed leathers – Part 1: Determination of certain aromatic amines derived from azo colorants	A
DIN EN ISO 17234-2	2011-06	Leather – Chemical tests for the determination of certain azo colorants in dyed leathers – Part 2: Determination of 4-aminoazobenzene	A
DIN EN ISO 18218-1	2015-11	Leather – Determination of ethoxylated alkylphenols – Part 1: Direct method	A
DIN EN ISO 18219-1	2021-09	Leather – Determination of chlorinated hydrocarbons in leather – Part 1: Chromatographic method for short-chain chlorinated paraffins (SCCPs)	A
DIN EN ISO 18219-2	2021-09	Leather – Determination of chlorinated hydrocarbons in leather – Part 2: Chromatographic method for middle-chain chlorinated paraffins (MCCPs)	A
DIN EN ISO 18254-1	2016-09	Textiles – Method for the detection and determination of alkylphenol ethoxylates (APEO) – Part 1: Method using HPLC-MS	A
DIN EN ISO 19070	2016-07	Leather – Chemical determination of N-methyl-2-pyrrolidone (NMP) in leather	A
DIN EN ISO 19071	2016-07	Leather – Chemical tests – Determination of chromium(VI) and the reductive potential for chromium tanning agents	A
DIN EN ISO 21084	2019-06	Textiles – Method for determination of alkylphenols (AP)	A

DIN EN ISO 21420	2020-06	Protective gloves – General requirements and test methods here: only 4.2a Determination of chromate content; 4.2c Determination of pH	A
DIN EN ISO 22818	2021-06	Textiles – Determination of short-chain chlorinated paraffins (SCCP) and middle-chain chlorinated paraffins (MCCP) in textile products out of different matrices by use of gas chromatography negative ion chemical ionization mass spectrometry (GC-NCI-MS)	A
DIN EN ISO 23702-1	2019-02	Leather – Organic fluorine – Part 1: Determination of non-volatile compounds by extraction method using liquid chromatography/tandem mass spectrometry detector (LC-MS/MS)	A
DIN EN ISO 27587	2021-06	Leather – Chemical tests – Determination of the free formaldehyde in process auxiliaries	A
2 Analysis of collagen-containing products and plastics			
DIN EN ISO 1172	1998-12	Textile-glass-reinforced plastics – Prepregs, moulding compounds and laminates – Determination of the textile-glass and mineral-filler content – Calcination methods	A
DIN EN ISO 1172	2023-12	Textile-glass-reinforced plastics – Prepregs, moulding compounds and laminates – Determination of the textile-glass and mineral-filler content – Calcination methods	A
DIN EN ISO 3451-1	2019-05	Plastics – Determination of ash – Part 1: General methods	A
DIN EN ISO 3451-4	2001-08	Plastics – Determination of ash – Part 4: Polyamides	A
DIN EN ISO 3451-5	2002-10	Plastics – Determination of ash – Part 5: Poly(vinyl chloride)	A
DIN EN ISO 6427	2014-08	Plastics – Determination of matter extractable by organic solvents (conventional methods)	A
FILK-QMA-2003	2021-06	Determination of hydroxyproline content of leather and collagen containing products by photometry	-
FILK-QMA-2013	2021-06	Acidimetric determination of amide nitrogen content of collagen containing products	-
FILK-QMA-2015	2021-06	Determination of chloride content of collagen containing materials by potentiometry	-
FILK-QMA-2063	2021-07	Ion chromatographic determination of the amide nitrogen content of collagen-containing products	-
Test area:			
Burning behaviour and flammability			
(contained in partial accreditation certificate D-PL-17362-01-03)			
1 Burning behaviour and flammability of materials and components [Flex A]			
ISO 3795	1989-10	Road vehicles, and tractors and machinery for agriculture and forestry – Determination of burning behaviour of interior materials	A
DIN EN ISO 6941	2004-05	Textile fabrics - Burning behaviour - Measurement of flame spread properties of vertically oriented specimens	A
DIN EN ISO 17074	2011-12	Leather – Physical and mechanical tests – Determination of resistance to horizontal spread of flame	A
DIN EN 1102	2016-10	Textiles and textile products – Burning behaviour - Curtains and drapes – Detailed procedure to determine the flame spread of vertically oriented specimens (excl.: Section 5 - Cleaning)	A
DIN EN 1624	1999-10	Textiles and textile products – Burning behaviour of industrial and technical textiles – Procedure to determine the flame spread of vertically oriented specimens (excl.: Section 4 - Pretreatment)	A
DIN 75200	1980-09	Determination of burning behaviour of interior materials in motor vehicles	A
ASTM D5132	2020-02	Standard Test Method for Horizontal Burning Rate of Polymeric Materials Used in Occupant Compartments of Motor Vehicles	A
ECE R118.03	2019-06	Uniform technical prescriptions concerning the burning behaviour and/or the capability to repel fuel or lubricant of materials used in the construction of certain categories of motor vehicles (here: Annex 6 to 9)	A
ECE R118.04	2023-02	Uniform technical prescriptions concerning the burning behaviour and/or the capability to repel fuel or lubricant of materials used in the construction of certain categories of motor vehicles (here: Annex 6 to 9)	A
FMVSS 302	2011-10	Flammability of interior materials	A
FMVSS 302	2022-09	Flammability of interior materials	A
FMVSS 302	2024-01	Flammability of interior materials	A
FMVSS 302	2024-03	Flammability of interior materials	A
FMVSS 302	2024-04	Flammability of interior materials	A
FMVSS 302	2024-10	Flammability of interior materials	A
GB 8410	2006-07	Flammability of Automotive Interior Materials	A
KMVSS Art. 95	2009-02	Flammability of materials	A
KMVSS Art. 95	2022-11	Flammability of materials	A
SAE J369	2019-08	Flammability of Polymeric Interior Materials – Horizontal Test Method	A
TSD 302	2007-08	Flammability of Interior Materials	A
VSTD 19, 19-1	2021-06	Flammability of the interior materials for motor vehicle	A
VSTD 19, 19-1	2022-12	Flammability of the interior materials for motor vehicle	A
VSTD 19, 19-1	2024-01	Flammability of the interior materials for motor vehicle	A
VSTD 19, 19-1	2024-08	Flammability of the interior materials for motor vehicle	A
VSTD 19, 19-1	2025-01	Flammability of the interior materials for motor vehicle	A
VSTD 19, 19-1	2025-12	Flammability of the interior materials for motor vehicle	A
2 Tests on burning behaviour and flammability in accordance with factory standards			
D45 1333 (Index K)	2020-01	Interior Cabin Materials Horizontal Flammability (excl.: Section 7 - Representativeness of Samples)	-
DBL 5307	2022-11	Flame retardant properties – Interior trim parts – Requirements and test specifications	-
GMW3232	2024-09	Test Method for Determining the Flammability of Interior Trim Materials	-

GS 97038	2020-02	Determination of burning behaviour to automotive interior trim materials (excl.: Section 6 - Certification and marking Section 7 - Conformity of Production)	-
LP.7M079	2023-03	Interior Cabin Materials – Horizontal Flammability (excl.: Section 6 - Representativeness of Samples Section 7.4.2 - Conformity of Production Control)	-
M 3594	2024-09	Burning behaviour of materials – General requirements, material release, definitions (here: 4.3.1 - Test of horizontal burning rate 4.3.2 - Test of melting behaviour 4.3.3 - Test of vertical burning rate 4.3.4 - Test of capability to repel fuel and lubricant 5.3.1 - Test of horizontal burning rate 5.3.2 - Test of melting behaviour 5.3.3 - Test of vertical burning rate 5.3.5 - Test of capability to repel fuel and lubricant App. C - Test for determination of melting behaviour of materials (normative) App. D - Test to determine the capability of materials to repel fuel or lubricant (normative))	-
MES CF050	2016-09	Flammability of Interior Parts (excl.: Section 8 - Reporting and Tetention of Test Reports Section 9 - Indication Methods on Drawings)	-
MS 300-08	2014-08	Standard Test Method - Flammability Resistance for Interior Materials	-
NES M 0094	2021	Test Method of Flammability of Interior Materials for Automobiles	-
TL 1010	2008-01	Materials for vehicle interiors – Burning behaviour – Material requirements	-
TSM0500G	2020-11	Flammability test method for interior materials	-
VCS 5031,19	2018-05	Flammability of interior materials	-
VW 96243 / PTL 8501	2020-10	Interior – Burning behaviour – Requirements and tests	-
Test area:			
Health Consumer Protection (contained in partial accreditation certificate D-PL-17362-01-04)			
1 Physical, physico-chemical and chemical examinations of consumer goods [Flex A]			
ISO 5397	1984-3	Leather – Determination of nitrogen content and “hide substance” – Titrimetric method	A
DIN EN 17131	2019-09	Textiles and textile products – Determination of Dimethylformamide (DMF), method using gas chromatography	A
DIN EN ISO 3071	2020-05	Textiles – Determination of pH of aqueous extract	A
DIN EN ISO 4045	2018-09	Leather – Chemical tests – Determination of pH	A
DIN EN ISO 4047	1998-12	Leather – Determination of sulphated total ash and sulphated water-insoluble ash	A
DIN EN ISO 4048	2018-10	Leather – Chemical tests – Determination of matter soluble in dichlormethane and free fatty acid content	A
DIN EN ISO 4098	2018-10	Leather – Chemical tests – Determination of water-soluble matter, water-soluble inorganic matter and water-soluble organic matter	A
DIN EN ISO 4684	2006-02	Leather – Chemical tests – Determination of volatile matter	A
DIN EN ISO 5398-1	2018-10	Leather – Chemical determination of chromic oxide content – Part 1: Quantification by titration	A
DIN EN ISO 5398-2	2009-06	Leather – Chemical determination of chromic oxide content – Part 2: Quantification by colorimetric determination	A
DIN EN ISO 10195	2021-10	Leather – Chemical determination of chromium(VI) content in leather – Thermal pre-ageing of leather and determination of hexavalent chromium	A
DIN EN ISO 13365-1	2020-12	Leather – Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography – Part 1: Acetonitrile extraction method	A
DIN EN ISO 13365-2	2020-12	Leather – Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography – Part 2: Artificial perspiration extraction method	A
DIN EN ISO 14184-1	2011-12	Textiles – Determination of formaldehyde – Part 1: Free and hydrolysed formaldehyde (water extraction method)	A
DIN EN ISO 14362-1	2017-05	Textiles – Methods for determination of certain aromatic amines derived from azo colorants – Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres (except extraction with xylene)	A
DIN EN ISO 14389	2014-10	Textiles – Determination of the phthalate content – Tetrahydrofuran method	A
DIN EN ISO 17070	2015-05	Leather – Chemical tests – Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content	A
DIN EN ISO 17072-1	2019-07	Leather – Chemical determination of metal content – Part 1: Extractable metals (only eluate production)	A
DIN EN ISO 17075-1	2017-05	Leather – Chemical tests – Determination of chromium(VI) content in leather – Part 1: Colorimetric method	A
DIN EN ISO 17075-2	2017-05	Leather – Chemical tests – Determination of chromium(VI) content in leather – Part 2: Chromatographic method	A
DIN EN ISO 17226-1	2021-05	Leather – Chemical determination of formaldehyde content – Part 1: Method using high performance liquid chromatography	A
DIN EN ISO 17234-1	2020-12	Leather – Chemical tests for the determination of certain azo colorants in dyed leathers – Part 1: Determination of certain aromatic amines derived from azo colorants	A
DIN EN ISO 17234-2	2011-06	Leather – Chemical tests for the determination of certain azo colorants in dyed leathers – Part 2: Determination of 4-aminoazobenzene	A
DIN EN ISO 18218-1	2015-11	Leather – Determination of ethoxylated alkylphenols – Part 1: Direct method	A
DIN EN ISO 18254-1	2016-09	Textiles – Method for the detection and determination of alkylphenol ethoxylates (APEO) – Part 1: Method using HPLC-MS	A
DIN EN ISO 19070	2016-07	Leather – Chemical determination of N-methyl-2-pyrrolidone (NMP) in leather	A

DIN EN ISO 19071	2016-07	Leather – Chemical tests – Determination of chromium(VI) and the reductive potential for chromium tanning agents	A
DIN EN ISO 21084	2019-06	Textiles – Method for determination of alkylphenols (AP)	A
DIN EN ISO 23702-1	2019-02	Leather – Organic fluorine – Part 1: Determination of non-volatile compounds by extraction method using liquid chromatography/tandem mass spectrometry detector (LC-MS/MS)	A
DIN EN ISO 27587	2021-06	Leather – Chemical tests – Determination of the free formaldehyde in process auxiliaries	A
FILK-QMA-2003	2021-06	Determination of hydroxyproline content of leather and collagen containing products by photometry	-
BVL / ASU L 06.00-6	2014-08	Determination of the total fat content in meat and meat products - Gravimetric method according to Weibull-Stoldt - (L 06.00 of § 64 LFGB) Modified for materials containing collagen	A

Testing of systems, components and separate technical units for motor vehicles and motor vehicle trailers within the scope of Regulation (EU) 2018/858, as well as Regulation (EU) No 167/2013 and Regulation (EU) No 168/2013 (in accordance with the KBA's catalogue of identification codes) (contained in partial accreditation certificate D-PL-17362-01-05)

Burning behaviour

ECE R118	2019-06	Uniform technical prescriptions concerning the burning behaviour and/or the capability to repel fuel or lubricant of materials used in the construction of certain categories of motor vehicles [202/241] (here: Annex 6 to 9)	A
ECE R118	2023-02		
ECE R118	2024-08		