

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-11118-01-00 according to DIN EN ISO/IEC 17025:2005

Period of validity: 02.04.2013 to 01.04.2018

Date of issue: 12.06.2013

Holder of certificate:

Ostthüringische Materialprüfgesellschaft für Textil- und Kunststoffe mbH
Breitscheidstraße 97, 07407 Rudolstadt

Tests in the fields:

physical-chemical and chemical analysis of plastics and fibers;
thermoanalytical analysis of polymeric materials;
mechanical-technological, physical-chemical and chemical analysis as well as colour fastness
tests on fibers, yarns and textile fabrics;
processing, thermal and electrical analysis of plastics

Abbreviations used: see last page

The laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standard test methods listed with * different issue dates or revision status updates.

The laboratory is permitted within the specified testing fields marked with **, without being required to inform and obtain prior approval from DAkkS, the free choice of standard or equivalent test methods. The listed test methods are exemplary. The laboratory maintains a current list of all test methods in a flexible scope of accreditation.

1 Physical-chemical and chemical testing of materials, textiles-plastics and fibre as well as natural products (leather)

1.1 Testing technique high performance liquid chromatography - HPLC

1.1.1 Determination of organic-chemical compounds and dyes using high performance liquid chromatography with standard detectors (DAD-detector, FLD-detector) **

DIN EN ISO 14184-2 2011-12	Textiles - Determination of formaldehyde - Part 2: Released formaldehyde (vapour absorption method) (Deviation: <i>HPLC-determination based on derivation with DNPH</i>)
DIN EN ISO 17234-1 2010-06	Leather - Chemical tests for the determination of certain azo colorants in dyed leather - Part 1: Determination of certain aromatic amines derived from azo colorants
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
DIN EN 71-11 2006-01	Safety of toys - Part 11: Organic chemical compounds - Methods of analysis in connection with: <i>DIN EN 71-9</i> <i>Safety of toys - Part 9: Organic chemical compounds - Requirements</i> <i>2007-09</i>
DIN EN 14362-1 2012-04	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
DIN EN 14362-3 2012-09	Textiles - Methods for the determination of certain aromatic amines derived from azo colorants - Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene
VDA 275 1994-07	Shaped components for car-interior - Determination of formaldehyde release, measuring procedure concerning to the modified bottle method

1.2 Testing technique Gas chromatography - GC

1.2.1 Determination of organic-chemical compounds and dyes using gas chromatography with standard detectors (FID Detector, ECD-Detector) **

DIN EN 71-9
2007-09 Safety of toys - Part 9: Organic chemical compounds - Requirements

VDA 277
1995-01 Non-metallic materials of car-interior - Determination of the emission of organic compounds

1.2.2 Determination of organic chemical compounds and dyes using gas chromatography with mass spectrometry (GC-MS) **

DIN EN ISO 17234-1
2010-06 Leather - Chemical tests for the determination of certain azo colorants in dyed leather - Part 1: Determination of certain aromatic amines derived from azo colorants

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-amino-azobenzene

DIN EN 71-9
2007-09 Safety of toys - Part 9: Organic chemical compounds - Requirements

DIN EN 13130-4
2004-08 Materials and articles in contact with foodstuffs - Plastics substances subject to limitation - Part 4: Determination of 1,3-butadiene in plastics

DIN EN 14362-1
2012-04 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

DIN EN 14362-3
2012-09 Textiles - Methods for the determination of certain aromatic amines derived from azo colorants - Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene

ZEK 01.4-08
2011-11 Determination of polycyclic aromatic hydrocarbon (PAH) in elastomers and plastics using GC-MS

1.3 Other test methods

DIN EN ISO 3071 * 2006-05	Textiles - Determination of pH of aqueous extract
DIN EN ISO 10304-1 (D 20) * 2009-07	Water quality - Determination of dissolved anions by liquid chromatography of ions - Part 1: Determination of bromide, chloride, fluoride, nitrate, nitrite, phosphate and sulfate (Deviation: <i>Elution in water</i>)
DIN EN ISO 11885 (E 22) * 2009-09	Water quality - Determination of selected elements by inductively coupled plasma optical emission spectrometry (ICP-OES) (Deviation: <i>Acid digestion</i>)
DIN EN ISO 14184-1 * 2011-12	Textiles - Determination of formaldehyde - Part 1: Free and hydrolysed formaldehyde (water extraction method) (Deviation: <i>Distillation</i>)
DIN ISO 11465 * 1996-12	Soil quality - Determination of dry matter and water content on a mass basis - Gravimetric method (Deviation: <i>Method for plastic materials and textiles</i>)
DIN EN 71-3 * 2002-11 Amendment 1 2003-05	Safety of toys - Part 3: Migration of certain elements
DIN EN 71-10 * 2006-03	Safety of toys - Part 10: Organic chemical compounds - Sample preparation and extraction
DIN EN 62321 * VDE 0042-1 * 2009-12	Electrotechnical products - Determination of levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers)
DIN 38405-24 (D 24) * 1987-05	German standard methods for the examination of water, waste water and sludge - anions (group D) - photometric determination of chromium(VI) using 1,5-diphenylcarbonohydrazide (Deviation: <i>Elution with water</i>)
CPSC-CH-E1001-08 * 2008-12	Standard Operation Procedure for the Determining Total Lead (Pb) in Children's Metal Products (including Children's Metal Jewellery)

Annex to the accreditation certificate D-PL-11118-01-00

CPSC-CH-E1003-09 *
2009-04

Standard Operation Procedure for the Determining Lead (Pb) in
Paint and Other Similar Surface Coatings

in connection with:

*US 16 CFR Part 1303
2000-01*

*Commercial Practices Chapter II - Consumer
Product Safety Commission -Part 1303: Ban
of lead-containing paint and certain consu-
mer products bearing lead-containing paint*

SAA 2.5.L126
2001-06

Instruction for carrying out of microwave-press digestion

SAA 2.5.L144
2012-10

Determination of plasticizers (selected Phthalates) in articles for
daily use - EPA method 606

in connection with:

*CPSC-CH-C1001-09.1
2009-03*

*Standard Operation Procedure for
Determination of Phthalates*

SAA 2.5.L145
2012-12

Determination of Dibutyl- and Tributyltin in textiles and plastics

in connection with:

*DIN 38407-13 (F 13) *
2001-03*

*Determination of selected organotin
com-pounds by gas chromatography
(withdrawn standard, replaced by
DIN EN ISO 17353)*

*DIN EN ISO 17353 *
2005-11*

*Water quality - Determination of selected
organotin compounds - Gas chromatogra-
phic method*

SAA 2.5.L158
2008-12

Pre-Screening of electrical and electronic equipment on the
requirements of the RoHS Directive (2002/95/EC) by means of
X-Ray fluorescence spectrometry

SAA 2.5.L188
2012-09

Oxidative combustion in a bomb calorimeter
(under oxygen atmosphere)

2 Thermoanalytical analysis of polymeric materials *

DIN EN ISO 11358 1997-11	Plastics - Thermogravimetry (TG) of polymers - General principles
DIN EN 728 1997-03	Plastics piping and ducting systems - Polyolefin pipes and fittings - Determination of oxidation induction time
DIN 51004 1994-06	Thermal analysis - determination of melting temperatures of crystalline materials by differential thermal analysis
DIN 51006 2005-07	Thermal analysis (TA) - Thermogravimetry (TG) - Principles
DIN 51007 1994-06	Thermal analysis - Differential thermal analysis principles

3 Mechanical and physical testing of textiles *

DIN EN 29073-3 1992-08	Textiles - Test method for nonwovens - Part 3: Determination of tensile strength and elongation
DIN EN ISO 1973 1995-12	Textiles - Determination of linear density - Gravimetric method and vibroscope method
DIN EN ISO 2060 1995-04	Textiles - Yarn from packages - Determination of linear density (mass per unit length) by the skein method
DIN EN ISO 2061 2010-12	Textiles - Determination of twist in yarns - Direct counting method
DIN EN ISO 2062 2010-04	Textiles - Yarns from packages - Determination of single-end breaking force and elongation at break using constant rate of extension (CRE) tester
DIN EN ISO 2286-2 1998-07	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
DIN EN ISO 2286-3 1998-07	Rubber- or plastic-coated fabrics - Determination of roll characteristics - Part 3: Method for determination of thickness

Annex to the accreditation certificate D-PL-11118-01-00

DIN EN ISO 3759 2011-08	Textiles - Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change
DIN EN ISO 5079 1996-02	Textiles - Fibres - Determination of breaking force and elongation at break of individual fibres
DIN EN ISO 5084 1996-10	Textiles - Determination of thickness of textiles and textile products
DIN EN ISO 9073-4 1997-09	Textiles - Test methods for nonwovens - Part 4: Determination of tear resistance
DIN EN ISO 9237 1995-12	Textiles - Determination of permeability of fabrics to air
DIN EN ISO 12945-2 2000-11	Textiles - Determination of fabric propensity to surface fuzzing and to pilling - Part 2: Modified Martindale method
DIN EN ISO 12947-1 2007-04	Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 1: Martindale abrasion testing apparatus
DIN EN ISO 12947-2 2007-04	Textiles - Determination of abrasion resistance of fabrics by the Martindale method - Part 2: Determination of specimen breakdown
DIN EN ISO 12947-3 2007-04	Textiles - Determination of abrasion resistance of fabrics by the Martindale method - Part 3: Determination of mass loss
DIN EN ISO 12947-4 2007-04	Textiles - Determination of abrasion resistance of fabrics by the Martindale method - Part 4: Assessment of appearance change
DIN EN ISO 13934-1 1999-04	Textiles - Tensile properties of fabrics - Part 1: Determination of maximum force and elongation at maximum force using the strip method
E DIN EN ISO 13934-1 2012-10	Textiles - Tensile properties of fabrics - Part 1: Determination of maximum force and elongation at maximum force using the strip method
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)
DIN EN ISO 13937-3 2000-06	Textiles - Tear properties of fabrics - Part 3: Determination of tear force of wing-shaped test specimens (Single tear method)

Annex to the accreditation certificate D-PL-11118-01-00

DIN EN ISO 13937-4 2000-06	Textiles - Tear properties of fabrics - Part 4: Determination of tear force of tongue-shaped test specimens (Double tear test)
DIN EN 1049-2 1994-02	Textiles - Woven fabrics - Construction - Methods of analysis - Part 2: Determination of number of threads per unit length
DIN EN 12127 1997-12	Textiles - Fabrics - Determination of mass per unit area using small samples
DIN 53362 2003-10	Testing of plastics films and textile fabrics (excluding nonwovens), coated or not coated fabrics - Determination of stiffness in bending - Method according to Cantilever
DIN 53363 2003-10	Testing of plastic films - Tear test using trapezoidal test specimen with incision
DIN 53808-1 2003-01	Testing of textiles - Determination of length of fibres by measuring of individual fibres
DIN 53830-3 1981-05	Testing of textiles - Determination of linear density of single and plied yarns - Simple yarns and plied yarns, textured yarns, short length method
DIN 53830-4 1981-05	Testing of textiles - determination of linear density of single and plied yarns - Elasto-yarns including core spun yarns from elasto-fibres - Short length method
DIN 53834-2 1979-01	Testing of textiles - Simple tensile test for single and plied yarns in oven-dry state
DIN 53835-1 1987-01	Testing of textiles - Tensile test for testing the elastic behaviour - principles
DIN 53835-2 1981-08	Testing of textiles - Determination of the elastic behaviour of single and plied elastomeric yarns by repeated application of tensile load between constant extension limits
DIN 53835-3 1981-08	Testing of textiles - Determination of the elastic behaviour of single and plied yarns by a single application of tensile load between constant extension limits
DIN 53835-4 1981-08	Testing of textiles - Determination of the elastic behaviour of single and plied yarns by a single application of tensile load between constant force limits

Annex to the accreditation certificate D-PL-11118-01-00

DIN 53842-1 1976-04	Testing of textiles - Knot tensile test for single and plied yarns
DIN 53843-1 1992-11	Testing of textiles - Loop tensile test - Yarns
DIN 53843-2 1988-03	Testing of textiles - Loop tensile test for staple fibres
DIN 53863-2 1979-02	Testing of textiles - Abrasion test methods for textile fabrics, rotary abrasion test

4 Testing of mechanical properties of plastics *

DIN EN ISO 178 2011-04 Amendment 1 2012-02	Plastics - Determination of flexural properties
DIN EN ISO 179-1 2010-11	Plastics - Determination of Charpy impact properties - Part 1: Non-instrumented impact test
DIN EN ISO 527-1 2012-06	Plastics - Determination of tensile properties - Part 1: General principles
DIN EN ISO 527-2 2012-06	Plastics - Determination of tensile properties - Part 2: Test conditions for moulding and extrusion plastics
DIN EN ISO 527-3 2003-07	Plastics - Determination of tensile properties - Part 3: Test conditions for films and sheets
DIN EN ISO 527-4 1997-07	Plastics - Determination of tensile properties - Part 4: Test conditions for isotropic and anisotropic fibre-reinforced plastic composites
DIN EN ISO 604 2003-12	Plastics - Determination of compressive properties
DIN EN ISO 6603-2 2002-04	Plastics - Determination of puncture impact behaviour of rigid plastics - Part 2: Instrumented puncture test
DIN EN ISO 14125 2011-05	Fibre-reinforced plastic composites - Determination of flexural properties

5 Colour fastness tests*

DIN EN ISO 105-B02 2002-07	Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test
DIN EN ISO 105-B04 1997-05	Textiles - Tests for colour fastness - Part B04: Colour fastness to artificial weathering: Xenon arc fading lamp test
DIN EN ISO 105-B06 2004-07	Textiles - Tests for colour fastness - Part B06: Colour fastness and ageing to artificial light at high temperatures: Xenon arc fading lamp test
DIN EN ISO 105-C06 2010-08	Textiles - Tests for colour fastness - Part C06: Colour fastness to domestic and commercial laundering
DIN EN ISO 105-C10 2007-07	Textiles - Tests for colour fastness - Part C10: Colour fastness to washing with soap or soap and soda
DIN EN ISO 105-D01 2010-10	Textiles - Tests for colour fastness - Part D01: Colour fastness to dry cleaning using perchloroethylene solvent
DIN EN ISO 105-E01 2010-08	Textiles - Tests for colour fastness - Part E01: Colour fastness to water
DIN EN ISO 105-E02 1996-08	Textiles - Tests for colour fastness - Part E02: Colour fastness to sea water
DIN EN ISO 105-E03 2010-08	Textiles - Tests for colour fastness - Part E03: Colour fastness to chlorinated water (swimming-pool water)
DIN EN ISO 105-E04 2009-07	Textiles - Tests for colour fastness - Part E04: Colour fastness to perspiration
DIN EN ISO 105-E07 2010-08	Textiles - Tests for colour fastness - Part E07: Colour fastness to spotting: Water
DIN EN ISO 105-P01 1995-04	Textiles - Tests for colour fastness - Part P01: Colour fastness to dry heat (excluding pressing)
DIN EN ISO 105-X05 1997-05	Textiles - Tests for colour fastness - Part X05: Colour fastness to organic solvents
DIN EN ISO 105-X11 1996-10	Textiles - Tests for colour fastness - Part X11: Colour fastness to hot pressing

Annex to the accreditation certificate D-PL-11118-01-00

DIN EN ISO 105-X12 2002-12	Textiles - Tests for colour fastness - Part X12: Colour fastness to rubbing
DIN EN ISO 4892-2 2009-11	Plastics - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps
DIN EN ISO 11664-4 2012-06	Colorimetry - Part 4: CIE 1976 L*a*b* Colour space
DIN EN 20105-A02 1994-10	Textiles - Tests for colour fastness - Part A02: Grey scale for assessing change in colour
DIN EN 20105-A03 1994-10	Textiles - Tests for colour fastness - Part A03: Grey scale for assessing staining
DIN 53160-1 2010-10	Determination of the colour fastness of articles for common use - Part 1: Test with artificial saliva
DIN 53160-2 2010-10	Determination of the colour fastness of articles for common use - Part 2: Test with artificial sweat
DIN 53236 1983-01	Testing of colouring materials - conditions of measurement and evaluation for the determination of colour differences for paint coatings, similar coatings and plastics
DIN 54005 1983-11	Testing of colour fastness of textiles - determination of colour fastness of dyeings and prints to water (mild)
DIN 75201 2011-11	Determination of the fogging characteristics of trim materials in the interior of automobiles
VDA 75202 2001-08	Determination of colour fastness of interior materials in motor vehicles - Xenon arc lamp test
DIN 75220 1992-11	Ageing of automotive components in solar simulation units
BVL B 82.10-1 2011-12	Testing of consumer products - test of coloured children's toys reaction to saliva and perspiration

6 Testing of processing characteristics, thermal and electric properties of plastics *

DIN EN ISO 62 2008-05	Plastics - Determination of water absorption
DIN EN ISO 75-1 2004-09	Plastics - Determination of temperature of deflection under load - Part 1: General test method
DIN EN ISO 75-2 2004-09	Plastics - Determination of temperature of deflection under load - Part 2: Plastics and ebonite
DIN EN ISO 75-3 2004-09	Plastics - Determination of temperature of deflection under load - Part 3: High-strength thermosetting laminates and long-fibre-reinforced plastics
DIN EN ISO 175 2011-03	Plastics - Methods of test for the determination of the effects of immersion in liquid chemicals
DIN EN ISO 294-1 1998-10	Plastics - Injection moulding of test specimens of thermoplastic materials - Part 1: General principles, and moulding of multi-purpose and bar test specimens
DIN EN ISO 306 2004-10	Plastics - Thermoplastic materials - Determination of Vicat softening temperature (VST)
DIN EN ISO 845 2009-10	Cellular plastics and rubbers - Determination of apparent density
DIN EN ISO 1133 2005-09	Plastics - Determination of the melt mass-flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics <i>(withdrawn standard, replaced by DIN EN ISO 1133-1 und DIN EN ISO 1133-2)</i>
DIN EN ISO 1133-1 2012-03	Plastics - Determination of the melt mass-flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics - Part 1: Standard method
DIN EN ISO 1133-2 2012-03	Plastics - Determination of the melt mass-flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics - Part 2: Method for materials sensitive to time-temperature history and/or moisture
DIN EN ISO 1183-1 2004-05	Plastics - Methods for determining the density of non-cellular plastics - Part 1: Immersion method, liquid pycnometer method and titration method

Annex to the accreditation certificate D-PL-11118-01-00

DIN EN ISO 1183-3 2000-05	Plastics - Methods for determining the density of non-cellular plastics - Part 3: Gas pycnometer method
DIN EN ISO 1622-2 1999-10	Plastics - Polystyrene (PS) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties
DIN EN ISO 1872-2 2007-05	Plastics - Polyethylene (PE) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties
DIN EN ISO 1873-2 2007-11	Plastics - Polypropylene (PP) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties
DIN EN ISO 1874-2 2007-04	Plastics - Polyamide (PA) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties
DIN EN ISO 2039-1 2003-06	Plastics - Determination of hardness - Part 1: Ball indentation method
DIN EN ISO 2580-2 2004-05	Plastics - Acrylonitrile-butadiene-styrene (ABS) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties
DIN EN ISO 2897-2 2004-05	Plastics - Impact-resistant polystyrene (PS-I) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties
DIN EN ISO 4613-2 2004-12	Plastics - Ethylene/vinyl acetate (E/VAC) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties
DIN EN ISO 4894-2 1999-10	Plastics - Styrene/acrylonitrile (SAN) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties
DIN EN ISO 6402-2 2004-05	Plastics - Acrylonitrile-styrene-acrylate (ASA), acrylonitrile-(ethylene-propylene-diene)-styrene (AEPDS) and acrylonitrile-(chlorinated polyethylene)-styrene (ACS) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties

Annex to the accreditation certificate D-PL-11118-01-00

DIN EN ISO 7391-2 2006-06	Plastics - Polycarbonate (PC) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties
DIN EN ISO 7792-2 2004-10	Plastics - Thermoplastic polyester (TP) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties
DIN EN ISO 8257-2 2006-06	Plastics - Poly(methyl methacrylate) (PMMA) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties
DIN IEC 60093 1993-12	Methods of test for insulating materials for electrical purposes - volume resistivity and surface resistivity of solid electrical insulating materials
DIN EN 60112 IEC 60 112 2010-05	Method for the determination of the proof and the comparative tracking indices of solid insulating materials (VDE-stipulation)
DIN EN 60695-2-10 VDE 0471 Part 2-10 2001-11	Fire hazard testing - Part 2-10: Glowing/hot-wire based test methods - Glow-wire apparatus and common test procedure
DIN EN 60695-2-11 VDE 0471 Part 2-11 2001-11	Fire hazard testing - Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products
DIN EN 60695-2-12 VDE 0471 Part 2-12 2011-10	Fire hazard testing - Part 2-12: Glowing/hot-wire based test methods - Glow-wire flammability index (GWFI) test method for materials
DIN EN 60695-2-13 VDE 0471 Part 2-13 2011-10	Fire hazard testing - Part 2-13: Glowing/hot-wire based test methods - Glow-wire ignition temperature (GWIT) test method for materials
DIN 7742-2 1990-11	Cellulose ester (CA, CP, CAB) moulding materials - Preparation of specimens and determination of their properties
DIN 16780-2 1990-10	Polymer blend thermoplastic moulding materials - Preparation of specimens and determination of their properties

DIN 16781-2 1989-01	Plastics moulding materials - Polyoxymethylene (POM) moulding materials - Preparation of specimens and determination of their properties
DIN 53497 1969-10	Testing of Plastics - Hot Storage Test on Mouldings Made of Thermoplastic Moulding Materials without External Mechanical Stressing
DIN 53733 1976-07	Testing of Plastics - Size Reduction of Plastic Products for Test Purposes
DIN 75200 1980-09	Determination of burning behaviour of interior materials in motor vehicles
VDA 270 1992-10	Determination of the odour characteristics of trim materials in motor vehicles

abbreviations used:

ASU	Amtliche Sammlung von Untersuchungsverfahren nach § 64 LFGB <i>(Official collection of analysis methods according to § 64 LFGB)</i>
BLV	Bundesamt für Verbraucherschutz und Lebensmittelsicherheit Federal Agency for Consumer Protection and Food Safety
CPSC	United States Consumer Product Safety Commission
DEV	Deutsche Einheitsverfahren <i>(German Unified Procedure)</i>
SAA	Standard Arbeitsanweisung der Ostthüringischen Materialprüfgesellschaft für Textil- und Kunststoffe <i>(Stand work instructions of Ostthüringische Materialprüfgesellschaft für Textil- und Kunststoffe)</i>
VDA	Verband der Deutschen Automobilindustrie <i>(Association of German automotive manufacturers)</i>
VDE	Verein Deutscher Elektriker <i>(Association of German electrical engineering technicians)</i>
ZEK	Zentraler Erfahrungskreis Central Experience circle of ZLS <i>(Central Safety Agency for the Federal States of Germany)</i>