

**The Appendix is an integral part of  
Certificate of Accreditation No. 588/2024 of 06/11/2024**

**Accredited entity according to ČSN EN ISO/IEC 17025:2018:**

**Testpolymer EU s.r.o.**  
CAB number 1595, Testpolymer EU  
Střemeničko 44, 783 24 Luká

*The laboratory applies a flexible approach to the scope of accreditation.*

*The current list of activities carried out within the flexible scope is available on the laboratory's website <https://www.testpolymer.cz/flexibilita/> in the form of the „List of activities within the flexible scope of accreditation“.*

*The laboratory provides opinions and interpretations of the test results.*

**Tests:**

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
1	Determination of tensile properties	ČSN EN ISO 527-1; ČSN EN ISO 527-2	Plastics	-
2	Determination of flexural properties	ČSN EN ISO 178	Plastics	-
3	Determination of impact strength by Charpy method	ČSN EN ISO 179-1	Plastics	-
4	Determination of impact strength by Izod method	ČSN EN ISO 180	Plastics	-
5	Determination of Vicat softening temperature	ČSN EN ISO 306	Plastics	-
6	Determination of indentation hardness by means of a durometer (Shore A and Shore D hardness)	ČSN EN ISO 868; ČSN EN ISO 48-4; ČSN EN ISO 7619-1:2011	Plastics, rubber	-
7	Determination of the melt mass-flow rate (MFR) and the melt volume-flow rate (MVR)	ČSN EN ISO 1133-1; ČSN EN ISO 1133-2; ASTM D 1238	Plastics	-
8	Determination of density - method A - Immersion method	ČSN EN ISO 1183-1; cl. 5.1	Non-cellular plastics	-
9	Determination of temperature of deflection under load	ČSN EN ISO 75-1; ČSN EN ISO 75-2	Plastics	-

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10	Determination of ash content - method A - direct annealing	ČSN EN ISO 3451-1, cl. 7.3; ISO 3451-2; ČSN EN ISO 3451-4	Plastics	-
11	Determination of viscosity number	ČSN EN ISO 307	Plastics	-
12	Determination of water content - method B2 - coulometric method	ČSN EN ISO 15512; cl. 6	Plastics	-
13	Determination of the textile-glass and mineral-filler content – Calcination method	ČSN EN ISO 1172	Plastics	-
14	Determination of burning rate	ČSN ISO 3795; DIN 75200; FMVSS 302 (49 CFR § 571.302); TL 1010; VCS 5031,19:2018; PTL 8501 (VW 96243); DBL 5307:2022 cl. 6.1; GS 97038:2016; SES N 3245:2006; CMVSS (TSD No. 302); KMVSS cl. 95; GSO 98; GB 8410; VSTD 19, cl. 19-1.5 a 19-1.6.3; D45 1333:2013; MS 300-08:2012; Contran 498	Vehicle interior materials	-
15	Fire hazard testing - Horizontal and vertical flame tests	UL 94, cl. 7, 8, 9; ČSN EN 60695-11-10; TL 1011, excl. type B	Plastics, composites, materials used in electrical equipment and vehicles	-

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
16	Determination of thermal characteristics by DSC method	ČSN EN ISO 11357-1; ČSN EN ISO 11357-2; ČSN EN ISO 11357-3	Plastics	-
17	Determination of hardness by ball indentation method	ČSN EN ISO 2039-1	Plastics	-
18	Determination of gloss value – method of measurement of directionally reflected light	ČSN EN ISO 2813	Plastics, vehicle parts, textiles	-
19	Identification by FTIR method	17025-PP-14 (Nicolet manual)	Plastics, textiles, rubber, composites, resins	-
20	Thermogravimetric analysis (TGA)	ČSN EN ISO 11358-1	Plastics	-
21	Accelerated thermal ageing test in air	DIN 53497; 17025-PP-36 (DIN 53497)	Plastics, rubber	-

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

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

<sup>3</sup> degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test.

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**Explanatory notes:**

CMVSS	Canadian Motor Vehicle Safety Standard
CFR	Code of Federal Regulations
Contran	Brazilian National Traffic Board
D45	Renault technical standard
DBL	Mercedes-Benz technical standard
DIN	German Technical Standard
DSC	Differential Scanning Calorimetry
FMVSS	U.S. Federal Motor Vehicle Safety Standard
FTIR	Fourier Transformation Infrared Spectrometry
GB	Chinese technical standard (Guobiao standards)
GS	BMW group technical standard
GSO	Gulf Arab states and Yemen technical standard
KMVSS	Korean Motor Vehicle Safety Standard
MFR	Melt Mass Flow Rate
MS	Hyundai and Kia technical specifications
MVR	Melt Volume Flow Rate
PP	Testpolymer EU Operating Procedure
PTL	Porsche technical specifications
SES N	Suzuki technical specifications
TL	Technische Lieferbedingungen (Technical Delivery Specifications –
TSD	Technical standard documents
UL	Underwriters Laboratories
VCS	Volvo Car Standard
VSTD	Vehicle Safety Testing Directions

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*"This document is an appendix to the certificate of accreditation. In case of any discrepancies between the English and Czech versions, the Czech version shall prevail, both for the certificate appendix and the certificate itself. "*