

Scope of Accreditation

Accredited body: Yanfeng International Automotive Technology Slovakia, s.r.o
Twin City C, Mlynské nivy 14, 821 09 Bratislava

Organizational unit performing the activity of the accredited body:
Branch Trenčín, Testing laboratory

Place of performance of the accredited body:
Bratislavská 517, 911 05 Trenčín

Identification number of the accredited body: 602/S-399

Laboratory with flexible accreditation scope

Item	Object		Established method		Other specifications (scope, uncertainty, purpose, modification/validation, opinions/interpretations, etc.)
	Subject /Matrix /Environment	Property /Parameter /Pointer /Analyte	Principle / Type	Label	
1	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Resistance to temperature and radiation	Visual evaluation	DIN 75220 VDA 230-219 A 001 006 00 99 VW 82511 (TN-YFITC-PM-ST-01-30)	Range: -40°C to +130 °C 10% to 98 % R.H. Do 1200 W/m ²
2		Resistance to climatic conditions	Visual evaluation	DIN EN 60068-2-30 D47 1309 PR 308.2 PV 1200 PV 2005 TREG33579402 MBN 51000-4 A 005 005 44 99 QEV111AHFE1W QEV111AHFE1Z QEV111AHFM22 QEV111AHE1W4 QEV111AF2AAH PR 303.6 PR 326.7 PTL 8140 TL 52296 TS-0002476 VW 82511 QV 32036 TL 52045 VW 82533 GS 97115-2 (TN-YFITC-PM-ST-01-35)	-40°C to +150 °C 10% to 98 % R.H.
3		Abrasion resistance	Visual evaluation Photometry	DIN EN ISO 105-X12 MBN 51000-6 MBN 51000-7 PV 3906 VCS 1026, 84329 D45 1010 GS 97034-4-B/ 5-B/6-C PTL 8140 (TN-YFITC-PM-ST-01-25)	



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4	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Abrasion and scratch resistance	Visual evaluation	DIN EN 60068-2-70 GS 97034-1/2/3/4A- /5-A/6-A DBL 1302 DBL 7384 DBL 9202 (TN-YFITC-PM-ST-01-33)	
5	Instrument panel	Airbag deployment	Visual evaluation Measure weight and time	A 002 005 04 99 FUVO_RD_KIC_04 QEV111AF2AAH QEV111AHFM22 Drawing 73110-86R10 01438_10_00259-ST_C4X LAH.57H.857.A PV 3545 (TN-YFITC-PM-ST-01-45)	
6	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Flammability	Measure length and time	DIN 75200 ISO 3795 FMVSS 302 GS 97038 DBL 5307 GMW 3232 VCS 5031,19 TL 1010 D45 1333 VSTD 19-1 KMOVSS 302 LP.7M079 PTL 8501 GB 8410 (TN-YFITC-PM-ST-01-27)	
7		Abrasion resistance	Visual evaluation	ISO 9352 ISO 5470-1 SAE J948 BN 108-02 GMW 3208 ASTM D3884 ASTM D4060-19 KEUR 00822-116 (TN-YFITC-PM-ST-01-29)	
8		Scratch resistance	Color/Gloss change measurement	GS 97034-8 GS 97034-9 GMW 14688 PV 3952 PV 3974 D45 5525 (TN-YFITC-PM-ST-01-26)	
9			Visual evaluation	TL226 VCS 1024 31139 ISO 1518 D45 5523 (TN-YFITC-PM-ST-01-34)	

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10	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Light Resistance	Visual evaluation/ Photometry	DIN EN ISO 105-B06 ISO 105-B02 ISO 105-B04 ISO 12040 ISO 4892-2 SAE J2412 SAE J2527 BO 116-01 GMW 14162 VCS 1026, 82429 PV 1303 TL 52045 PV 3929 (TN-YFITC-PM-ST-01-24)	
11		Chemical resistance	Visual Evaluation	PV 3964 TL 52045 GS 97034-12 GS 97034-13 PR 557 (TN-YFITC-PM-ST-01-47)	
12	Instrument panel, Door panel, Floor console, airbag module (metal material, coated plastic)	Salt spray	Visual Evaluation	DIN EN ISO 9227 VW 82511 VW 82533 GS 97115-2 (TN-YFITC-PM-ST-01-44)	
13	Instrument panel, Door panel, Floor console (plastic, coated plastic, TPE)	Hardness	Hardness Measurement Shore L, shore D, Shore A	DIN EN ISO 868 QV 32036 PV 3931 ISO 48-4	
14	Airbag module	Pressure curve	Pressure measurement	VW 82511 VW 82533 VW 82535 VW 82519 GS 97116	
15	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Abrasion resistance	Visual evaluation	ISO 11640 GS 97034-4C/5-C GS 97034-11	
16		Color change	Photometry/Visual evaluation	DIN EN ISO 11664-3, -4, DIN 53236 ISO 7724 ISO 105-A02 VW 50190	
17		Gloss	Reflectance	DIN EN ISO 2813 ASTM D523 ASTM C584 ASTM D2457 EN ISO 7668 VW 50190	



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18	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Adhesion	Visual evaluation	DIN EN ISO 2409 VCS 1029, 54729 (TN-YFITC-PM-ST-01-32)	
19		Softening temperature of the material	Temperature measurement	DIN EN ISO 306 DIN EN ISO 75-1 (TN-YFITC-PM-ST-01-15)	
20		Odour	Sensory test	VDA 270 BO 131-03 GMW 3205 VCS 1027, 2729 PV 3900 D10 5517 - Part 1 (TN-YFITC-PM-ST-01-23)	
21		Density	Weight measurement	DIN EN ISO 1183-1 Method A (TN-YFITC-PM-ST-01-22)	
22		Ash	Weight measurement	DIN EN ISO 3451-1 (Method A) DIN EN ISO 1172 (Method A) (TN-YFITC-PM-ST-01-21)	
23		Thickness	Measurement of thickness	DIN EN ISO 2286-3	
24		Deformation form	Measurement of dimensions/ Photogrammetry	(TN-YFITC-PM-ST-01-16)	
25		Strength (Dynstat)	Impact test	DIN 53435 (TN-YFITC-PM-ST-01-20)	
26		Strength (Izod)	Impact test	DIN EN ISO 180 (TN-YFITC-PM-ST-01-18)	
27		Strength (Charpy)	Impact test	DIN EN ISO 179-1 (TN-YFITC-PM-ST-01-18)	
28	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile, composite)	Strength, elongation, bending	Force and length measurement	DIN EN ISO 527-1 DIN EN ISO 527-2 DIN EN ISO 527-3 DIN EN ISO 527-4 DIN EN ISO 527-5 DIN ISO 34-1 DIN ISO 178 ISO 28510-1 DIN EN 1372 DIN EN 310 DIN EN ISO 13934-1 DIN EN ISO 13937-2 DIN EN 29073-3 DIN 53504 ISO 6892-1 ASTM D5587 ISO 13935-1 DIN EN ISO 3376 (TN-YFITC-PM-ST-01-17)	



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29	Instrument panel, Door panel, Floor console (plastic, foam, leather, textile)	Fogging	Reflectometric measurement of gloss	DIN 75201 SAE J1756 GMW 3235 VCS 1027, 2719 D45 1727 (TN-YFITC-PM-ST-01-31)	
30		Fogging	Weight measurement	DIN 75201 ISO 6452 SAE J1756 GMW 3235 VCS 1027, 2719 PV 3015 D45 1727 (TN-YFITC-PM-ST-01-19)	
31		Peel Test	Force measurement	DIN EN 1372 ISO 11339 DIN EN ISO 2411 MBN 51000-6 PV 2034 PR 326.6 (TN-YFITC-PM-ST-01-38)	
32		Foam Adhesion	Visual Evaluation	MBN 51000-6 TL 52296 PR 326.6 GS 97012 PR 524 (TN-YFITC-PM-ST-01-40)	
33		Ball drop test	Visual Evaluation	PV 3905 TREG-33579402-01-2 MBN 51000-6 PV 3989 (TN-YFITC-PM-ST-01-42)	

To mark the required scope of flexibility (in case the CAB requests a flexible scope of accreditation):

Flexibility does not apply to changing the principle of the methods used in a given flexible scope.

☒ The laboratory maintains an up-to-date list of all test methods with a flexible scope of accreditation at<https://www.yanfeng.com/en/trencin-technical-center>

The principle of flexibility can be used by the laboratory within the framework of:

- ☒ objects/matrices/environments
☐ properties/parameters/indicators/analytes
☐ measuring ranges and measurement uncertainties
☐ modifications to the methods and procedures used for testing
☒ identification of the methods and procedures used for testing



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Personnel competent to modify and validate methods/develop new methods during the validity of the accreditation

First and last name, titles	Ability to modify and validate methods/develop new methods – item in in activity specification No.
Petra Kehrbusch	1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33
Marek Dian	1, 2, 12, 13, 14, 16, 17, 24, 33
Marek Fris	1, 2, 16, 17, 24, 33
Ladislav Ďuriš	5
Daniela Bystrická	3, 4, 6, 7, 8, 9, 10, 11, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33,
Michal Vizváry	1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33,

