SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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MECHANICAL

Valid To: November 30, 2026 Certificate Number: 5095.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on automotive industry components:

Test:	**Test Methods:**
Color:	
Colorfastness	DIN EN ISO 105-A02, DIN EN ISO 105-A05; STD 1026,8432;VCS 1026,84329
Gloss	DIN 67530, DIN EN ISO 2813 (2014), DIN EN ISO 2813; MBN 10494-4 Section 5.1; ASTM D523
Color	VW 50190, VW 50195 Section 3.2.1 (Solid Paint); DIN EN ISO 3668; VCS 1024, 31139; ASTM D2244
Environmental Conditioning[1]:	
Aging	DIN 53508; Tesla TP 0000706 Module 1 & 2; BMW AA-0026; BMW AA-P 275
Thermal Aging/Thermal Cycling/Humidity Cycling	BMW AA-P 0276; DIN 53497; DIN 53377; DBL 5416 A.2. 10 (Annex 2), DBL 5471 4.1.1, 4.1.2, 4.1.3, 4.2.1, 4.2.2, 4.3, DBL 9202 4.1.2 & 4.1.3; PV2440 PV 1200; PV 2005; GMW14124 Test Cycle M, R, S, 14709; NES M0132, Ford FLTM BO 040-01 A & B, BMW PR 303.5; BMW PR 357; PSA D47 1165 N, R, W, X; MBN 55555-3, -4, -6; ASTM D3574, K,L; FLTM BN 113-02; DIN EN ISO 6270-2; DIN EN ISO 17130, DIN ISO 17228
Heat Resistance	MBN 15306-1, MBN 15306-5, 5.1; DBL 5306, 6.1 Volvo 423-0055; PSA D45 1234; MBN 55555-3§5.1; PV 3959
Abrasion:	
Scratch	DBL 5306.3.1; DBL 7399 Section 5.1; DBL 7382 Section 9.7; DBL 7384 Sections 8.2 and 8.4; DIN EN ISO 2409; MBN 10494 Sections 5.1.1, 5.1.2; GMW14698; VCS 1029 54729, VCS 1029 54739; ASTM D3359 B; FLTM BI 106-01-B

Test:	Test Methods:
Pressure Washer Test	PV 1503, B,C; DIN 55662 Method B, DIN EN ISO 16925 (2014); DIN EN ISO 16925; MBN 10494 Part 5; PTL 5524, VW 96172 § 7.6; PTL 5525, VW 96173 § 7.7; PTL 7520, VW 96208 § 5.12DBL 7381; BMW AA-0136; DBL 5416 12.6, DBL 5425, 8.7; FLTM BO 160-04-A
Stone Chip Resistance (Multi-Impact Testing)	DBL 5416 Section 12.5, DBL 5425, 8.6 (2020); DIN EN ISO 20567-1; PV 3.14.7; DBL 7399; MBN 10494 Part 5; BMW GS 93036 § 6.11; BMW AA-0079
Wear Testing, Crocking	PV 3906; SAE J861; ISO 20433, BMW GS 97034-5, DBL 5306 §4;, FLTM BN 107-01; FLTM BN 107-02; PV 3987; PV 3991; BMW AA-0134; BMW GS 97034-10; BMW GS 97034-6-C; MBN 55555-6 § 5.8; Polestar DVM-INT-01744 Polestar TI-INT-036; RECARO TC 5048732 § 10, DIN EN ISO 4628-4; Rivian RTS 1749; Rivian RTS.1750 § 5.1 + § 5.2; Tesla TP-0000703, Procedure A; VDA 621-424; MBN 55555-7 §5.2, §5.4 DIN EN ISO 105-X12
Odor:	
Odor	GMW3205-A, B, C; VDA 270; FLTM BO 131-03; PV 3900; VSC 1027, 2729; TPJLR 52.458; PSA D10 5517; SAEJ 1351; DBL 5430 (2017), DBL 1000; NIO-TP.GS-002-2016; Volvo STD 429-001; PR397; BMW GS 97014-4; Fiat Chrysler FCA LP-463KC-09-01; GMW 17914 Method C; ISO 12219-7; Lotus LTS 22001-2019 § 5; Polestar DVM-INT-01716; Rivian RTS.1754
Chemical:	
Determination of Volatile and Semi-Volatile Organic Compounds using Gas Chromatography	GM/Opel GMW 15634; PSA D10 5495; VDA 278; Ford BZ-108-01; Toyota TSM 0508G; PV 8042; VW 96424; ISO 16000-6; DIN EN ISO 16017-1; DIN EN ISO 16017-2
Determination of the emissions of volatile organic compounds from vehicle interior parts and materials – small chamber	ISO 12219-2; ISO 12219-4; ISO 12219-6; ISO 12219-7; PV 3942; VDA 276-1; VDA 276-3; GS 97014-2; GS 97014-3; GS 97014-4; NES M0402; SES N2403; Honda 0094Z-SNA
Chemical Resistance	PV 3922
HPLC measurements	ISO 16000-3; VDA 275; BMW AA-0061; DIN EN ISO 17226-3; DIN EN ISO 17226 -1; DIN EN 717-1; GMW 15635; Ford FLTM BZ 156-01-B (HPLC), VW PV 3925 (HPLC)
Fogging:	
Fogging	PSA D45-1727; LP-463DB-12-01; RNES-B-0070; TSM 0503 G-B gravimetric and reflectometric; DIN 75201, GMW 3235, PV 3015, SAE J1756, ISO 6452, Geely Q/JLY J7110341D; Polestar DVM-INT-013 (Fogging G); Polestar DVM-INT-081 (Fogging G); Volvo VCS 1027, 2719

Test:	**Test Methods:**
Impact:	
Ball Drop	DBL 5306 7.3; VW PV 3905; MBN 55555-6 §5.17; MBN 15306-3 §5.19; PV 3966; PV 3989; PV 3971; Nissan NES M0134
Cracking:	
Stress Cracking	DIN EN ISO 22088-3; DBL 5416 8.2; DBL 5404 7.13; DBL 9202 9.19; VW PV 3983
Staining:	
Amine staining	PV 3937; PSA D10 5496; PV 3944
Elongation:	
Static Elongation	PV 3909, test equipment 1

[1] Also using customer-specified test methods within the following parameters:
Temperature/Humidity: (-)40°C to +120 °C and 90% R.H.

The laboratory is only accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specifications listed below. The inclusion of these material specifications on this Scope does not confer laboratory accreditation to the material specifications.

BMW GS 90011

Accredited Laboratory

A2LA has accredited

IMAT AUTOMOTIVE TECHOLOGY SERVICES, INC.

Marietta, GA

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 29th day of October 2024.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5095.01
Valid to November 30, 2026

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.