



IMAT AUTOMOTIVE TECHNOLOGY SERVICES, INC.
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MECHANICAL

Valid To: November 30, 2022

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 1026,8439
Gloss	DIN 67530 (Superseded DIN EN ISO 2813) ² ; DIN EN ISO 2813; MBN 10494-4 Section 5.1; ASTM D523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, DIN EN ISO 105-X12; VCS 1024, 31139; ASTM D2244
Environmental Conditioning¹:	
Aging	DIN 53508; Tesla TP 0000706 Module 1 & 2, GMW 14124; BMW AA-0026
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; PV 1200, 2005; BMW AA-P 00275; GMW 14124 Test Cycle M, R, S, 14709; NES M0132, Ford FLTM BO 040-01 A & B, BMW PR 303.5, 357; PSA D47 1165 N, R, W, X; MBN 55555-3, -4, -6; ASTM D751, ASTM D3574; FLTM BN 113-02; DIN EN ISO 6270-2
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; GMW 14698; VCS 1029 54729, VCS 1029 54739; ASTM D3359 B

<u>Test:</u>	<u>Test Methods:</u>
Abrasion (continued):	
Pressure Washer Test	PV 1503; DIN 55662 Method B (Superseded by DIN EN ISO 16925) ² ; DIN EN ISO 16925; MBN 10494 Part 5; PTL 5524, VW 96172 § 7.6, PTL 5525, VW 96173 § 7.7, PTL 7520, VW 96208 § 5.12; BMW PR 388, BMW PR 387.1; DBL 7381; GMW 14797 Table A1A; BMW AA-0136; DBL 5416 12.6
Stone Chip Resistance (Multi-Impact Testing)	DBL 5416 Section 13.5; DIN EN ISO 20567-1; OV 3.14.7; DBL 7399; MBN 10494 Part 5
Wear Testing, Crocking	PV 3906; SAE J861; ISO 20433, BMW GS 97034-5, DBL 5306 §4, DBL 5575, FLTM BN 107-01, FLTM BN 107-02, SAE J861
Odor:	
Odor	GMW 3205-A, B, C; VDA 270; FLTM BO 131-03; PV 3900; VSC 1027, 2729; TPJLR 52.458; PSA D10 5517; SAEJ 1351; DBL 5430; NIO-TP; GS-002-2016; Volvo STD 429-001; PR397
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
Chemical Resistance	PV 3922
Fogging:	
Fogging	PSA D45-1727, LP-463DB-12-01, ISO/TC/45/SC4, RNES-B-0070; TSM 0503 G-B gravimetric and reflectometric; DIN 75201, GMW 3235, PV 3015, SAE J1756, ISO 6452
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:	
Aminestaining	PV 3937; PSA D10 5496; PV 3944;
Elongation:	
Static Elongation	PV 3909

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

² Note: This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.



Accredited Laboratory

A2LA has accredited

IMAT AUTOMOTIVE TECHNOLOGY 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 9th day of November 2020.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5095.01
Valid to November 30, 2022

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