



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:

<b><u>Test:</u></b>	<b><u>Test Methods:</u></b>
<b>Color:</b>	
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Gloss	DIN 67530 (Superseded DIN EN ISO 2813) <sup>2</sup> ; 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
<b>Environmental Conditioning<sup>1</sup>:</b>	
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; 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
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
<b>Abrasion:</b>	
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
Pressure Washer Test	PV 1503; DIN 55662 Method B (Superseded by DIN EN ISO 16925) <sup>2</sup> ; 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

<b>Test:</b>	<b>Test Methods:</b>
<b>Abrasion (continued):</b>	
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
<b>Odor:</b>	
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
<b>Chemical:</b>	
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
<b>Fogging:</b>	
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
<b>Impact:</b>	
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
<b>Cracking:</b>	
Stress Cracking	DIN EN ISO 22088-3, DBL 5416 8.2, DBL 5404 7.13, DBL 9202 9.19, VW PV 3983
<b>Staining:</b>	
Aminestaining	PV 3937; PSA D10 5496; PV 3944;
<b>Elongation:</b>	
Static Elongation	PV 3909

<sup>1</sup> Also using customer specified test methods within the following parameters:

Temperature/Humidity: (-)40°C to +120 °C and 90% R.H.

<sup>2</sup> 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 9<sup>th</sup> 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.*