



Accredited Laboratory

A2LA has accredited

CARCOUSTICS TECH CENTER NORTH AMERICA, INC.

Howell, MI

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 21st day of December 2020.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 6105.01
Valid to January 31, 2023

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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CARCOUSTICS TECH CENTER NORTH AMERICA, INC.

1400 Durant Dr.

Howell, MI 48843

Klaas Remmerssen Phone: 517-304-8409

Email: kremmerssen@carcoustics.com

MECHANICAL

Valid To: January 31, 2023

Certificate Number: 6105.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on textiles, plastics and foams:

Test:	Test Method(s):
Determination of the Burning Behavior (FLAMMABILITY)	
Flammability of Materials Used in the Occupant Compartments of Motor Vehicles	FMVSS302
Determination of Burning Behavior of Interior Materials in Motor Vehicles	DIN 75200
Flammability of Polymeric Interior Materials – Horizontal Test Method	SAE J369
Flame Retardant Interior Fittings – Requirements and Test Specification	DBL 5307
National Standard of the People’s Republic of China – Flammability of Automotive Interior Materials	GB8410
Test Method for Determining the Flammability of Interior Trim Materials	GMW3232
Interior Material – Fire Behavior, Material Requirements	VW-TL 1010
Determination of the Burning Behavior of Automotive Interior Materials	BMW-GS 97038
Road Vehicles and Tractors and Machinery for Agriculture and Forestry – Determination of Burning Behavior of Interior Materials	ISO 3795
Fire Hazard Testing – Part 2-11: Glowing/Hot-wire Based Test Methods – Glow-wire Flammability Test Method for End-products (GWEPT)	DIN EN 60695-2-11
Fire Hazard Testing – Part 2-12: Glowing/Hot-wire Based Test Methods – Glow-wire Flammability Index (GWFI) Test Method for Materials	DIN EN 60695-2-12
Fire Hazard Testing – Part 2-13: Glowing/Hot-wire Based Test Methods – Glow-wire Flammability Ignition Temperature (GWIT) Test Method for Materials	DIN EN 60695-2-13
Determination of the ODOR Behavior of Automotive Interior Materials	
Determination of the Odor Behavior of Automotive Interior Materials	VDA 270
Components of the Vehicle Interior – Odor Test	VW PV 3900
Interior Odor Test	Ford FLTM BO 131-03
Hot Odor Test for Insulation Materials	SAE J1351

Test:	Test Method(s):
Determination of the FOGGING Characteristics of Trim Materials in the Interior of Automobiles	
Determination of the Fogging Characteristics of the Trim Materials in the Interior of Automobiles	DIN 75201 <i>(Methods A and B)</i>
Non-metallic Interior Materials – Determination of Condensable Ingredients	VW PV 3015
Determination of the Fogging Characteristics of Interior Automotive Materials	SAE J1756
Determination of ENVIRONMENTAL Influences and Resistances	
Climate Change Test for Equipment Parts	BMW PR 303.5
Vehicle Parts – Testing of Climate Change Resistance	VW PV 1200, 2005
Non-metallic Materials, Material Systems and Semi-finished Products – Part 4: Thermal Tests	MBN 55555-4 <i>(Except 5.4 and 5.8)</i>
Flexible and Rigid Cellular Polymeric Materials – Accelerated Aging Tests	DIN EN ISO 2440
Determination of DEFORMATION/STRENGTH Properties	
Non-metallic Materials, Material Systems and Semi-finished Products – Part 6: Mechanical Tests	MBN 55555-6 <i>(only Chapter 5.17)</i>
Plastics – Determination of Tensile Properties – Part 3: Test Conditions for Films and Sheets	ISO 527-3
Flexible Cellular Polymeric Materials – Determination of Tensile Strength and Elongation at Break	ISO 1798
Polymeric Materials, Cellular Flexible – Determination of Stress-strain Characteristics in Compression	DIN EN ISO 3386-1
Flexible Cellular Polymeric Materials – Determination of Compression Set	ISO 1856
Stress-strain Properties under Compression – Part 1: Low-density Foams	DBL 5452
Rubber, Vulcanized or Thermoplastic – Determination of Tear Strength – Part 1: Trouser, Angle and Crescent Test Pieces	ISO 34-1 <i>(Chapters 6-12)</i>
Testing of Organic Materials – Separation Test on Fabric Plies Bonded Together	DIN 53530
Testing of Plastics Sheets – Adhesion Test	DIN 53357
Textiles – Tensile Properties of Fabrics – Part 1: Determination of Maximum Force and Elongation at Maximum Force Using the Strip Method	DIN EN ISO 13934-1
Standard Test Methods for Flexible Cellular Materials-Slab, Bonded, and Molded Urethane Foams	ASTM D3574 <i>(Tests D and E)</i>
PHYSICAL TESTS	
Cellular Plastics and Rubbers – Determination of Apparent Density	ISO 845