SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MOLDED FIBER GLASS RESEARCH COMPANY
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MECHANICAL

Valid To: May 31, 2021 Certificate Number: 1280.01

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

Test Method	Test
ASTM C297	Flatwise Tensile Strength of Sandwich Constructions
ASTM C393	Flexural Properties of Sandwich Constructions
ASTM D256 (Method A)	Determining the Pendulum Impact Resistance of Notched Specimens of Plastics
ASTM D570	Water Absorption of Plastics
ASTM D638	Tensile Properties of Plastics
ASTM D695	Compression Properties of Rigid Plastics
ASTM D790	Flexural Properties of Unreinforced and Reinforced Plastics & Electrical Insulating Materials
ASTM D792 (Method A)	Specific Gravity (Relative Density) and Density of Plastics by Displacement
ASTM D2583	Indention Hardness of Rigid Plastics by Means of a Barcol Impressor
ASTM D2584	Glass Content and/or Filler Content
ASTM D3039	Standard Test Method for Tensile Properties of Polymer Matrix Composite Materials
ASTM D3163	Lap Shear (Adhesive Test)
ASTM D3410	Compressive Properties of Polymer Matrix Composite Materials with Unsupported Gage Section by Shear Loading
ASTM D4526 (Procedure A)	Determination of Volatiles in Polymers by Headspace Gas Chromatography
ASTM D4812	Standard Test Method for Un-Notched Cantilever Beam Impact Resistance of Plastics
ASTM E1131	Thermogravimetry
ASTM E1356	Differential Scanning Calorimetry

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Test Method	Test
ISO 62	Determination of Water Absorption
ISO 178	Plastics – Determination Flexural Properties
ISO 180	Plastics – Determination of Izod Impact Strength
ISO 291	Standard Atmospheres for Conditioning and Testing
ISO 527-1, -2, -4, -5	Determination of Tensile Properties
ISO 1183-1 (Method A)	Methods for Determining the Density of Non-cellular Plastics
ISO 2555	Plastic - Resins in the Liquid State or as Emulsions or Dispersions - Determination of Apparent Viscosity by the Brookfield Test Method
ISO 14126	Fiber Reinforced Plastic Composites - Determination of Compressive Properties in the In-Plane Direction
ASTM E573	FTIR Analysis
ASTM E228	Standard Test Method for Linear Thermal Expansion of Solid Materials With a Push-Rod Dilatometer
ASTM D4065	Standard Practice for Plastics: Dynamic Mechanical Properties: Determination and Report Procedures

Accredited Laboratory

A2LA has accredited

MOLDED FIBER GLASS RESEARCH COMPANY

Ashtabula, OH

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 April 2019.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1280.01
Valid to May 31, 2021

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