



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MOLDED FIBER GLASS RESEARCH COMPANY

1315 West 47th Street

Ashtabula, OH 44005

Brittany Vogt Phone: 440-994-5104

BVogt@moldedfiberglass.com

MECHANICAL

Valid To: May 31, 2025

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 fiber-reinforced thermoset composite materials:

<u>Test Method</u> ¹ :	<u>Test</u> :
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ASTM D2583 (Withdrawn 2022)	Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor
ASTM D2584	Glass Content and/or Filler Content
ASTM D3763	High Speed Puncture Properties of Plastics
ASTM D4065	Standard Practice for Plastics: Dynamic Mechanical Properties: Determination and Report Procedures
ASTM D4526	Determination of Volatiles by Headspace Gas Chromatography
ASTM D4812	Un-Notched Cantilever Beam Impact Resistance of Plastics
ASTM E228	Standard Test Method for Linear Thermal Expansion of Solid Materials with a Push-Rod Dilatometer
ASTM E573	FTIR Analysis
ASTM E1131	Thermogravimetry
ASTM E1356	Differential Scanning Calorimetry
ISO 62	Determination of Water Absorption

<u>Test Method</u>¹:	<u>Test:</u>
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, -4	Determination of Tensile Properties
ISO 1172 (Method B)	Glass and Filler Content
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 6603-2	Instrumented Puncture Impact Behavior of Rigid Plastics

¹When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA R101 - *General Requirements-Accreditation of ISO-IEC 17025 Laboratories*.

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

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 27th day of June 2023.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1280.01
Valid to May 31, 2025

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