SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

MOLDED FIBER GLASS RESEARCH COMPANY
1315 West 47th Street
Ashtabula, OH 44005
Dave Barron Phone: 440 994 5138
DBarron@mfgresearch.com

MECHANICAL

Valid To: May 31, 2013 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	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-A	Specific Gravity (Relative Density) and Density of Plastics by Displacement
ASTM D1824	Apparent Viscosity of Plastisols and Organosols at Low Shear Rates
ASTM D2196	Brookfield Viscosity
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) and/or Cross Peel (Adhesive Test)
ASTM D3410	Compressive Properties of Polymer Matrix Composite Materials with Unsupported Gage Section by Shear Loading
ASTM D3518	In-Plane Shear Response of Polymer Matrix Composite Materials by Tensile Test of a ±45° Laminate
ASTM D3846	In-Plane Shear Strength of Reinforced Plastics

5301 Buckeystown Pike, Suite 350 | Frederick, Maryland 21704-8373 | Phone: 301 644 3248 | Fax: 301 662 2974 | www.A2LA.org

Test Method	Test
ASTM D4526	Determination of Volatiles in Polymers by Headspace Gas Chromatography - Procedure A
ASTM D4812	Standard Test Method for Un-Notched Cantilever Beam Impact Resistance of Plastics
ASTM D5083	Standard Test Method for Tensile Properties of Reinforced Thermosetting Plastics Using Straight-Sided Specimens
ASTM D5279	Measuring the Dynamic Mechanical Properties of Plastic in Torsion Test Method Test
ASTM D7249	Standard Test Method for Facing Properties of Sandwich Constructions by Long Beam Flexure
ASTM D7250	Standard Practice for Determining Sandwich Beam Flexural and Shear Stiffness
ASTM E1131	Thermogravimetry
ASTM E1356	Differential Scanning Calorimetry
DIN EN 1465	Determination of Tensile Lap - Shear Strength of Rigid-to-Rigid Bonded Assemblies
DIN EN 2746	Determination of the Flexural Properties of Glass Fiber Reinforced Plastics for Aerospace Applications
DIN EN 2747	Tensile Properties of Glass Fiber Reinforced Plastics for Aerospace Applications
ISO 92	Determination of Water Absorption
ISO 178	Plastics - Determination Flexural Properties
ISO 291	Standard Atmospheres for Conditioning and Testing
ISO 527	Determination of Tensile Properties
ISO 1172	Textile Glass Reinforced Plastics-Determination of the Textile - Glass and Mineral - Filler Content-Calcination Methods
ISO 2555	Plastic - Resins in the Liquid State or as Emulsions or Dispersions - Determination of Apparent Viscosity by the Brookfield Test Method
ISO 6721-2	Determination of Dynamic Mechanical Properties - Torsion Pendulum Method
ISO 14126	Fiber Reinforced Plastic Composites - Determination of Compressive Properties in the In-Plane Direction
ISO 14129	Fiber Reinforced Plastic Composites - Determination of the In-Plane Shear Stress/Shear Strain Response, Including the In-Plane Shear Modulus and Strength, By the ±45° Tension Test Method
MFG 2407	FTIR Analysis