SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

MISSISSIPPI POLYMER INSTITUTE
46 Shelby Thames Drive
Hattiesburg, MS 39402
Sara Bayley Phone: 601 266 5046

MECHANICAL

Valid To: August 31, 2019 Certificate Number: 3476.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests in accordance with Good Laboratory Practices (GLP) Regulations per 21 CFR 58, 210, 211, and 820 on adhesives, plastics, thermoplastics, thermosets, composites, reinforced resins, sandwich panel composite constructions, coatings, aqueous solutions, rubbers, elastomers:

Test	**Test Method**
Mechanical Testing	
Melt Flow Rate	ASTM D1238 (Procedure B)
Izod Impact	ASTM D256 (Method A)
Tensile Properties of Plastics	ASTM D638
Tensile Properties of Composites	ASTM D3039/D3039M
Flexural Properties	ASTM D790 (Type I)
Compressive Properties	ASTM D695
Ash Content of Plastics	ASTM D5630 (Procedure B)
Specific Gravity	ASTM D792 (Method A)
Durometer Hardness (Shore A, D)	ASTM D2240
Volatile Content of Coatings	ASTM D2369
Water Absorption of Plastics	ASTM D570
Conditioning of Plastics for Testing	ASTM D618
Tear Strength	ASTM D624
Ignition Loss of Cured Reinforced Resins	ASTM D2584
Lap Shear of Adhesively Bonded Metals	ASTM D1002
Short Beam Shear of Composites	ASTM D2344/D2344M
Lap Shear of Composites	ASTM D5868
Flatwise Tensile	ASTM C297/C297M
pH of Aqueous Solutions	ASTM E70

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Test	Test Method
Chemical Testing	
Differential Scanning Calorimetry (DSC)	ASTM D3418
Thermogravimetric Analysis (TGA)	ASTM D3850
Fourier Transform Infrared Spectroscopy (FTIR)	ASTM E1252, ASTM E1421

Accredited Laboratory

A2LA has accredited

MISSISSIPPI POLYMER INSTITUTE

Hattiesburg, MS

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 8 January 2009*).

Presented this 5th day of July 2017.

President and CEO
For the Accreditation Council
Certificate Number 3476.01
Valid to August 31, 2019

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