



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

DSM ENGINEERING PLASTICS, INC. - EVANSVILLE
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Evansville, IN 47732
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MECHANICAL

Valid To: July 31, 2013

Certificate Number: 0673.01

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

<u>Test</u>	<u>Test Method(s)</u>
Pendulum Impact Resistance (Notched Izod)	ASTM D256; ISO 180
DC Resistance or Conductance	ASTM D257
Water Absorption	ASTM D570; ISO 62
Conditioning Plastics for Testing	ASTM D618; ISO 291
Tensile Properties	ASTM D638; ISO 527
Deflection Temperature Under Flexural Load	ASTM D648 (Method B); ISO 75-1, -2
Rockwell Hardness (Scale R)	ASTM D785
Determination of Relative Viscosity of Polyamide (PA)	ASTM D789 (<i>except Sec. 9.3</i>)
Flexural Properties	ASTM D790; ISO 178
Density and Specific Gravity (Relative Density) by Displacement	ASTM D792 (Method A); ISO 1183-1 (Method A)
Mold Shrinkage	ASTM D955; ISO 294-1, -2, -3, -4
Melt Flow Rate by Extrusion Plastometer	ASTM D1238; ISO 1133
Thermal Analysis (DSC)	ASTM D3418; ISO 11357-1, -3
Determination of Properties of Polymeric Materials by Means of a Capillary Rheometer	ASTM D3835

<u>Test</u>	<u>Test Method(s)</u>
Ash Content	ASTM D5630 (Procedure B); ISO 3451-1, -4 (Method A)
Moisture Content	ASTM D6980
Thermal Analysis (TGA)	ASTM E1131
Charpy Impact	ISO 179-1
Determination of Viscosity Number	ISO 307
Determination of Water Content	ISO 15512 (Method B)
Flammability (Horizontal and Vertical)	FMVSS 302; UL 94V; ISO 3795
Accelerated Exposure of Automotive Interior Trim Components Using a Xenon-Arc Apparatus	SAE J1885 (<i>Withdrawn 2008</i>)*
Accelerated Exposure of Automotive Exterior Materials Using a Xenon-Arc Apparatus	SAE J1960 (<i>Withdrawn 2008</i>)*

** This laboratory's scope contains withdrawn methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.*





World Class Accreditation

The American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

DSM ENGINEERING PLASTICS, INC. – EVANSVILLE

Evansville, IN

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 1st day of September 2011.



President & CEO

For the Accreditation Council
Certificate Number 0673.01
Valid to July 31, 2013

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