



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

DSM ENGINEERING PLASTICS, INC. - EVANSVILLE
2267 West Mill Road
Evansville, IN 47732
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MECHANICAL

Valid To: July 31, 2019

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/A |
| 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 |
| 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 294-4 |
| Melt Flow Rate by Extrusion Plastometer | ASTM D1238; ISO 1133 |
| Thermal Analysis (DSC) | ASTM D3418; ISO 11357-1, -3 |
| Ash Content | ISO 3451-1, -4 (Method A) |
| Moisture Content | ASTM D6980 |
| Thermal Analysis (TGA) | ASTM E1131 |

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| <u>Test</u> | <u>Test Method(s)</u> |
|---|-----------------------------|
| Charpy Impact | ISO 179-1 |
| Determination of Viscosity Number | ISO 307 |
| Determination of Water Content | ISO 15512 (Method B2) |
| Flammability (Horizontal and Vertical) | FMVSS 302; UL 94V; ISO 3795 |
| Accelerated Exposure of Automotive Interior Trim Components Using a Xenon-Arc Apparatus | SAE J2412 |
| Accelerated Exposure of Automotive Exterior Materials Using a Xenon-Arc Apparatus | SAE J2527 |





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 19th day of October 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 0673.01
Valid to July 31, 2019

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