



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SOLVAY SPECIALTY POLYMERS USA, LLC

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MECHANICAL

Valid Until: July 31, 2024

Certificate Number: 0288.01

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

**Tests:**

**Test Methods:**

Pendulum Impact Strength (Notched Specimens)

ASTM D256; ISO 180

Charpy Impact Strength

ISO 179-1

Tensile Properties; Microtensile Properties

ASTM D638 (except Poisson's Ratio), D1708;  
ISO 527-1, -2

Deflection Temperature Under Flexural Load

ASTM D648 (Method B);  
ISO 75-1, -2 (Method A, Method B)

Flexural Properties

ASTM D790; ISO 178

High Speed Multi-Axial Impact

ASTM D3763

Density/Relative Density (Specific Gravity)

ASTM D792; ISO 1183-1 (Method A)

Melt Flow Rate

ASTM D1238 (Procedure A); ISO 1133

Inherent Viscosity

ASTM D5225, D5336 (Sec.11.7)

Rheology by Capillary Rheometer

ASTM D3835

Moisture Content by Karl Fischer

ASTM D6869; ISO 15512B

Ash Content<sup>1</sup>

ASTM D5630-13<sup>1</sup> (Procedure B); ISO 3451

Molding Shrinkage

ASTM D955; ISO 294-4

Linear Thermal Expansion

ASTM E831; ISO 11359-1, -2

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**Tests:**

Thermal Gravimetric Analysis

Heat/Enthalpy of Fusion and Crystallization

Transition Temperatures by DSC

Conditioning of Plastics

**Test Methods:**

ASTM E1131

ASTM D3418, E793; ISO 11357-1, -3

ASTM D3418, E794; ISO 11357-1, -2

ASTM D618 (Procedure A)

<sup>1</sup> This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.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

**SOLVAY SPECIALTY POLYMERS USA, LLC**

*Alpharetta, GA*

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 8<sup>th</sup> day of June 2022.

A blue ink signature of a person, likely the Vice President of Accreditation Services, written over a horizontal line.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 0288.01  
Valid to July 31, 2024

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