



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SOLVAY SPECIALTY POLYMERS USA, LLC
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MECHANICAL

Valid Until: July 31, 2026

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 (except Poisson's Ratio), -2
Deflection Temperature Under Flexural Load	ASTM D648; 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, Procedure B); ISO 1133 (Procedure A, Procedure B)
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	ASTM D5630-13 (2022) (Procedure B); ISO 3451-1, -4
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)





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 20th day of May 2024.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0288.01
Valid to July 31, 2026

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