



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

SOLVAY ADVANCED POLYMERS, L.L.C.
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MECHANICAL

Valid Until: July 31, 2012

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:

<u>Tests</u>	<u>Test Methods</u>
Pendulum Impact Strength (Notched Specimens)	ASTM D256; ISO 180
Charpy Impact Strength	ISO 179-1
Tensile Properties; Microtensile Properties	ASTM D638, D1708; ISO 527-1, -2
Deflection Temperature Under Flexural Load	ASTM D648 (Method B); ISO 75-1, -2
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; ISO 1133
Inherent Viscosity	ASTM D2857, D5225, D5336 (Sec.12); ISO 307
Rheology by Capillary Rheometer	ASTM D3835
Moisture Content by Karl Fischer	ASTM D6869, D5336 (Sec.12); ISO 15512B
Ash Content	ASTM D5630 (Proc. B); ISO 3451
Molding Shrinkage	ASTM D955; ISO 294-4
Linear Thermal Expansion	ASTM E831
Thermal Gravimetric Analysis	ASTM E1131

Tests

Heat Aging

Heat/Enthalpy of Fusion and Crystallization

Transition Temperatures by DSC

Horizontal Burn

Extinguishing Characteristics (Vertical)

Burning Characteristics (125mm Flame)

Conditioning of Plastics

Determination of Time-Temperature Limit after
Prolonged Heat Exposure

Test Methods

ASTM D3045; UL746-B

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

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

UL94 HB

UL94 (20mm Vertical)

UL94 (125mm Vertical)

ASTM D618 (Proc. A)

ISO 2578





The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Laboratory

A2LA has accredited

SOLVAY ADVANCED POLYMERS, L.L.C.

Alpharetta, GA

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 16th day of August 2010.





Peter M. Meyer

President & CEO
For the Accreditation Council
Certificate Number 0288.01
Valid to July 31, 2012

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