



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ASAHI KASEI PLASTICS NORTH AMERICA, INC.
 Quality Assurance Laboratory
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MECHANICAL

Valid To: April 30, 2019

Certificate Number: 0863.01

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>
Impact Resistance (IZOD)	ASTM D256; ISO 180
Water Absorption of Plastics	ASTM D570; ISO 62
Conditioning Plastics for Testing	ASTM D618; ISO 291
Tensile Properties	ASTM D638; ISO 527-1
Heat Deflection Temperature (HDT)	ASTM D648; ISO 75-1, -2
Rockwell Hardness (R and M Scales)	ASTM D785; ISO 2039-2
Relative Viscosity of Nylon (Kinematic)	ASTM D789
Flexural Properties	ASTM D790 (Method A); ISO 178 (Method A)
Specific Gravity	ASTM D792; ISO 1183-1 (Method A)
Measuring Shrinkage from Mold Dimensions	ASTM D955; ISO 294-4
Melt Flow Rate	ASTM D1238; ISO 1133-1
Visual Evaluation of Color Differences of Opaque Materials	ASTM D1729
Color Analysis Using Instruments and CIE/LAB Coordinates	ASTM D2244
Differential Scanning Calorimetry (DSC)	ASTM D3418; ISO 11357-3
High Speed Puncture Properties (Dynatup)	ASTM D3763; ISO 7765-2
Fourier Transform Infrared Spectroscopy (FTIR)	ASTM D5576
Ash Content	ASTM D5630 (Method B); ISO 3451-1 (Method A)

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<u>Test</u>	<u>Test Method(s)</u>
Charpy Impact Strength	ISO 179-1
Moisture Content by Weight Loss	ASTM D6980
Thermomechanical Analysis	ASTM E831; ISO 11359-2
Thermogravimetric Analysis (TGA)	ASTM E1131; ISO 11358-1
Flammability	FMVSS 302; ISO 3795
Accelerated Exposure of Automotive Interior Trim Components Using a Xenon-Arc Apparatus	SAE J1885* (Withdrawn 2008), J2412
Accelerated Exposure of Automotive Exterior Materials Using a Xenon-Arc Apparatus	SAE J1960* (Withdrawn 2008), J2527

*NOTE: This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.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

ASAHI KASEI PLASTICS NORTH AMERICA, INC.

Fowlerville, MI

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 20th day of March 2017.

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

President and CEO
For the Accreditation Council
Certificate Number 0863.01
Valid to April 30, 2019

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