



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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

Valid To: April 30, 2021

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 (Procedure A); 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 6603-2 |
| Fourier Transform Infrared Spectroscopy (FTIR) | ASTM D5576 |

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Test

Ash Content

Charpy Impact Strength

Moisture Content by Weight Loss

Thermomechanical Analysis

Thermogravimetric Analysis (TGA)

Flammability

Accelerated Exposure of Automotive Interior Trim
Components Using a Xenon-Arc Apparatus

Accelerated Exposure of Automotive Exterior Materials
Using a Xenon-Arc Apparatus

Test Method(s)

ASTM D5630 (Method B);
ISO 3451-1 (Method A)

ISO 179-1

ASTM D6980

ASTM E831; ISO 11359-2

ASTM E1131; ISO 11358-1

FMVSS 302; ISO 3795;
UL94 (HB and V)

SAE J2412

SAE J2527





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 17025:2017 *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 28th day of March 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0863.01
Valid to April 30, 2021

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