



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

WASHINGTON PENN
2080 North Main Street
Washington, PA 15301
Francis Tress Phone: 724 206 4410

MECHANICAL

Valid To: October 31, 2023

Certificate Number: 0867.01

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 Description</u>	<u>Standard Test Method</u>
Accelerated Weathering Xenon-Arc Weathering	ASTM D2565; SAE J2527
Ash Content	ASTM D5630 Method B; ISO 1172, ISO 3451-1 Method A
Capillary Rheology	ASTM D3835
Chemical Resistance	ASTM D543 Practice A, Procedure 1
Color Differences	ASTM D2244
Conditioning of Plastics for Testing	ASTM D618 Procedure A
Deflection Temperature Under Flex Load	ASTM D648 Method B; ISO 75
Determining the Tackiness of Polypropylene Parts	PV 1306
Durometer Hardness (Shore A and D)	ASTM D2240
Emissions Testing	FLTM BZ 157-01; VW PV3341
Flammability	ASTM D635, D3801; FMVSS-302; FLTM BN 024-02; GM 9070P (<i>Inactive September 2011</i>) ¹ ; GMW3232; ISO 3795; UL94HB, UL94V; VW TL1010
Flexural Properties	ASTM D790; ISO 178
Flow Rate (Extrusion Plastometer)	ASTM D1238; ISO 1133-1
Fogging	GM 9305P (<i>Inactive September 2012</i>) ¹ ; GMW3235; SAE J1756

<u>Test Description</u>	<u>Standard Test Method</u>
Fourier-Transform Infrared Spectroscopy (FTIR)	ASTM E1252
Gloss	ASTM D523
Impact Resistance	
Charpy Impact	ISO 179-1
Gardner Impact	ASTM D5420
Izod Impact (Notched)	ASTM D256 Method A; ISO 180
Multiaxial Impact	ASTM D3763; GM 9300P (<i>Inactive September 2012</i>) ¹ ; GM 9904P (<i>Inactive January 2011</i>) ¹ ; ISO 6603-2
Long Term Heat Aging	ASTM D3045; ISO 2578
Moisture Determination	ASTM D6980
Mold Shrinkage Determination	ASTM D955; ISO 294-4
Odor Testing	FLTM BO 131-03; GMW3205; VW PV3900
Rockwell Hardness (R Scale)	ASTM D785; ISO 2039-2
Scratch and Mar Resistance	GMW14688-A; PV 3974, 3952
Specific Gravity/Density	ASTM D792 Method A; ISO 1183-1 Method A
Tear Resistance	ASTM D624
Tensile Properties	ASTM D412, D638 (<i>Except A.3</i>); ISO 527-1, -2
Thermal Analysis	
Differential Scanning Calorimetry (DSC)	ASTM E793, E794; ISO 11357-1, -3
Thermal Gravimetric Analysis (TGA)	ASTM E1131; ISO 11358-1
Thermal Mechanical Analysis (TMA)	ASTM E831; ISO 11359-2
Vicat Softening Temperature	ASTM D1525 Rate B; ISO 306
Water Absorption of Plastics	ASTM D570

¹This laboratory's scope contains withdrawn or superseded methods.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

WASHINGTON PENN

Washington, PA

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 15th day of December 2021.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0867.01
Valid to October 31, 2023

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