



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

WASHINGTON PENN  
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MECHANICAL

Valid To: December 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:

<b><u>Test Description</u></b>	<b><u>Standard Test Method</u></b>
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> ) <sup>1</sup> ; 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> ) <sup>1</sup> ; 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> ) <sup>1</sup> ; GM 9904P ( <i>Inactive January 2011</i> ) <sup>1</sup> ; 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

<sup>1</sup>This laboratory's scope contains withdrawn or superseded methods.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

## 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 15<sup>th</sup> 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 December 31, 2023  
Revised October 16, 2023

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