



World Class Accreditation

The American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

WASHINGTON PENN PLASTIC CO., INC.

Washington, PA

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 21st day of October 2009.



A handwritten signature in black ink, appearing to read "Peter Abney".

President & CEO
For the Accreditation Council
Certificate Number 0867.01
Valid to October 31, 2011

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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

WASHINGTON PENN PLASTIC CO., INC.
2080 North Main Street
Washington, PA 15301
Jonathan Stiffy Phone: 724 228 1260

MECHANICAL

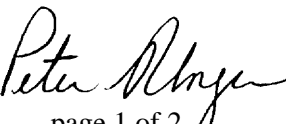
Valid Until: October 31, 2011

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 Q-U-V Xenon-Arc Weathering	ASTM G154; SAE J2020 ASTM D2565; SAE J1960 (2004), SAE J2527
Ash Content	ASTM D5630; ISO 3451, Method A
Ignition Loss	ASTM D2584
Chemical Resistance	ASTM D543 Practice A; GM 9308P
Chromatography Gas Chromatography (GC) Liquid Chromatography (LC)	Gas Chromatography Liquid Chromatography
Color Differences	ASTM D2244
Deflection Temperature Under Flex Load	ASTM D648 Method B; ISO 75
Specific Gravity/Density	ASTM D792 Method A; ISO 1183 Method A
Dynamic Mechanical Analysis (DMA) Shear Modulus Viscosity	ASTM D5279 ASTM D4440
Conditioning of Plastics for Testing	ASTM D618 Procedure A
Flammability	ASTM D635, D3801; SAE J369; UL94HB, UL94V; ISO 3795; FMVSS-302; GM 9070P; FLTM BN 024-02

(A2LA Cert. No. 0867.01) 10/21/09


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<u>Test Description</u>	<u>Standard Test Method</u>
Flexural Properties	ASTM D790; ISO 178
Fogging	SAE J1756; GM9305P
Fourier-Transform Infrared Analysis (FTIR)	ASTM E1252
Gloss	ASTM D523
Durometer Hardness	ASTM D2240 Shore A and D
Impact Resistance	
Charpy Impact	ISO 179
Gardner Impact	ASTM D5420
Izod Impact (Notched)	ASTM D256 Method A; ISO 180
Multiaxial Impact	ASTM D3763; GM 9300P, GM 9904P; ISO 6603-2
Flow Rate (Extrusion Plastometer)	ASTM D1238; ISO 1133
Moisture Determination	ASTM D6980
Particle Size Analysis	ASTM C1070
Capillary Rheology	ASTM D3835
Mold Shrinkage Determination	ASTM D955; ISO 294 Type B
Tensile Properties	ASTM D412, D624, D638; ISO 527
Thermal Analysis	
Differential Scanning Calorimetry (DSC)	ASTM E793, E794, E1269; ISO 11357
Thermal Gravimetric Analysis (TGA)	ASTM E1131; ISO 11358
Thermal Mechanical Analysis (TMA)	ASTM E831
Vicat Softening Temperature	ASTM D1525 Rate B; ISO 306
Long Term Heat Aging	ASTM D3045, D5510; UL746B; ISO 2578
Rockwell Hardness (R Scale)	ASTM D785; ISO 2039-2