



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 January 31, 2012  
Revised December 22, 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: January 31, 2012

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; FLTMBN 024-02

<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