

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

DUPONT WASHINGTON WORKS ENGINEERING POLYMERS LABORATORY  
E.I. DuPont Washington Works Laboratory Network B3  
8480 Dupont Road  
Washington, WV 26181-1217  
Brian Delozier Phone: 304 863 2533

## MECHANICAL

Valid To: December 31, 2018

Certificate Number: 0795.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on plastics, polymers, rubber, and rubber products:

**Test:****Test Method(s):**Tensile Properties <sup>1</sup>ASTM D638 (*Except A.3*);  
ISO 527-1, -2 (*Except 4.7*)Tear Strength <sup>1</sup>

ISO 34-1 Method B

Flexural Properties <sup>1</sup>ASTM D790;  
ISO 178Hardness (R, M, L) <sup>1</sup>ASTM D785 Procedure A;  
ISO 2039-2Shore Hardness D <sup>1</sup>

ISO 868

Charpy Impact <sup>1</sup>

ISO 179-1

Izod Impact <sup>1</sup>

ASTM D256A, D4812; ISO 180

High Speed Puncture Properties Using Load and  
Displacement Sensors <sup>1</sup>

ASTM D3763

Properties of Polymeric Materials by Capillary  
Rheometer <sup>1, 3, 4, 5, 7</sup>

ISO 11443

Deflection Temperature Under Flexural Load <sup>1</sup>

ASTM D648 Method B; ISO 75-1, -2

**Test:****Test Method(s):**

Transition Temperatures by DSC <sup>1</sup>	ASTM D3418; ISO 11357-1, -2, -3
Melt Flow Rates by Extrusion Plastometer <sup>1,2</sup>	ASTM D1238; ISO 1133-1, -2
Vicat Softening Temperature <sup>1</sup>	ISO 306
Standard Specific Gravity (Relative Density) and Density <sup>1</sup>	ASTM D792, ISO 1183-1 Method A
Accelerated Weather Resistance <sup>1</sup>	SAE J2412, J2527
Flammability / Burning Rate <sup>1</sup>	FMVSS 302; ISO 3795
Ash Content <sup>1,3, 4, 5,7</sup>	ASTM D5630 Method B; ISO 3451-1 Method A
Water Absorption <sup>1</sup>	ASTM D570; ISO 62 Methods 1 and 2
Yellowness Index of Plastics <sup>1,2,4,5,6,7</sup>	ASTM D1925-70 (1988) Withdrawn 1995 <sup>8</sup> , E313
Mold Shrinkage <sup>1</sup>	ISO 294-4
Conditioning of Plastics <sup>1</sup>	ASTM D618; ISO 291
Heat Aging <sup>1</sup>	ISO 188 Method B

Testing is performed at the facility located at 8480 DuPont Road Washington, WV 26181 in the following buildings:

<sup>1</sup> B3 EP Lab

<sup>2</sup> B200 EP Lab-Delrin<sup>®</sup>

<sup>3</sup> B280 EPE

<sup>4</sup> B293 SCD

<sup>5</sup> B256 EPE

<sup>6</sup> B153 EPE

<sup>7</sup> B22 Research

<sup>8</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 This laboratory's scope contains withdrawn or superseded methods.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

# DUPONT WASHINGTON WORKS ENGINEERING POLYMERS LABORATORY

*Washington, WV*

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 22<sup>nd</sup> day of November 2016.

A handwritten signature in black ink, written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 0795.01  
Valid to December 31, 2018

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