



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

DUPONT PERFORMANCE MATERIALS LABORATORY

Chestnut Run Plaza, Building 713
974 Centre Road
Wilmington, DE 19805
Mark Trivits Phone: 302 999 3083

MECHANICAL

Valid To: August 31, 2018

Certificate Number: 0061.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests or types of tests on plastics and elastomeric materials for automotive applications:

<u>Test Method</u>	<u>Test Description</u>
ASTM D150	Dielectric Constant and Dissipation Factor
ASTM D256 (Method A)	Impact Resistance (Izod Impact)
ASTM D573	Deterioration in an Air Oven
ASTM D618	Standard Practice for Conditioning Plastics
ASTM D638	Tensile Properties (Strength/Elongation and Modulus) of Plastics
ASTM D648	Heat Deflection Temperature
ASTM D789	Relative Viscosity
ASTM D790 (Method A, Procedure A)	Flexural Modulus
ASTM D1238	Flow Rates of Thermoplastics (Methods A and B)
ASTM D1525	Vicat Softening Temperature for Plastics
ASTM D3389 (Method B)	Coated Fabrics Abrasion Resistance (Taber Abrader)
ASTM D3763	High Speed Puncture Properties of Plastics Using Load & Displacement Sensors
ASTM D3835	Properties of Polymeric Materials by Means of a Capillary Rheometer
ASTM D4812	Unnotched Cantilever Beam Impact Strength of Plastics
IEC 60093	Volume and Surface Resistivity
IEC 60112	Comparative Tracking Index
IEC 60243-1	Dielectric Strength
IEC 60250	Permittivity & Dielectric Dissipation Factor
In-house SOP	Heat Aging (100-200 air exchanges per hour)
ISO 62	Plastics - Determination of Water Absorption
ISO 75-1, -2	Deflection Temperature Under Load
ISO 178	Flexural Modulus
ISO 179-1	Plastics - Charpy Impact Strength
ISO 180	Notched Izod Impact
ISO 291	Standard Atmosphere for Conditioning of Thermoplastic Materials
ISO 306	Plastics - Vicat Softening Temperature
ISO 527-1, -2	Plastics - Determination of Tensile Properties
ISO 1133-1, -2	Plastics - Melt Mass-Flow Rate (MFR) and Volume-Flow Rate (MVR)

<u>Test Method</u>	<u>Test Description</u>
ISO 1183-1 (Method A)	Specific Gravity
ISO 3451-1 (Method A)	Ash Content
ISO 6603-2	Plastics - Determination of Puncture Impact Behavior of Rigid Plastics-Part 2: Instrumented Impact Testing
ISO 11357-1, -3	Plastics - Melting Behavior (Melting Temperature or Melting Range) of Semi-Crystalline Polymers
ISO 11358-1	Plastics - Thermogravimetry (TG) of Polymers
ISO 11359-2	Plastics - Thermomechanical Analysis
ISO 11403-1, 6.3.3	Plastics - Acquisition and Presentation of Comparable Multipoint Data
ISO 15512 (Method B)	Moisture Determination
SAE J1756	Fogging Characteristics of Interior Automotive Materials (Photometric)



Accredited Laboratory

A2LA has accredited

DUPONT PERFORMANCE MATERIALS LABORATORY

Wilmington, DE

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 26th day of September 2016.

A handwritten signature in blue ink, reading "Jim C. Bunt".

Senior Director of Quality and Communications
For the Accreditation Council
Certificate Number 0061.01
Valid to August 31, 2018

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