



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

COVESTRO LLC  
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Building 8  
Pittsburgh, PA 15205  
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MECHANICAL

Valid To: May 31, 2023

Certificate Number: 0197.01

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 rubbers:

<u>Test</u>	<u>Test Method(s)</u>
Accelerated Weathering	ASTM D2565, D4329, D4459, D4587, D6695, G154, G155; SAE J2020, J2412, J2527
Apparent Density	ASTM D1622
Ash (Ignition Loss)	ASTM D2584, D3489 (Part 21)
Ash (Microwave Furnace)	ASTM D5630 (Method B); ISO 3451-1 (Method A)
Ball Rebound	ASTM D3574 (Test H)
Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates	ASTM D2244
Compression	ASTM D575, D1621, D3489 (Part 12), D3574 (Test C)
Compression Set	ASTM D395 (Method B), D3574 (Test D)
Conditioning	ASTM D618; ISO 291
Density	ASTM D3574 (Test A)
Determination of Properties by Capillary Rheometer	ASTM D3835

(A2LA Cert. No. 0197.01) 05/25/2021

Page 1 of 3

<u>Test</u>	<u>Test Method(s)</u>
Dry Heat/Wet Heat Aging	ASTM D3489 (Part 16), D3574 (Tests K and L)
Durometer Hardness (A, D, OO)	ASTM D2240, D3489 (Part 10); ISO 868
Flammability	ASTM D4986, D5132; Calif. T.B. 117:2013, Section 3; FMVSS 302; ISO 3795, ISO 9772; SAE J369; UL 94 ( <i>Except Section 10</i> )
Flammability of Automotive Interior Materials	GB8410
Flexural Properties	ASTM D790, D3489 (Part 20); ISO 178
Flow Rates of Thermoplastics by Extrusion Plastometer	ASTM D1238 (Methods A and B); ISO 1133
Gloss	ASTM D523
Haze and Transmittance	ASTM D1003 (Method A)
Heat Aging of Plastics Without Load	ASTM D3045
Heat and Humidity Aging	ASTM D2126, D3574 (Test L)
Heat Deflection	ASTM D648 (Method B); ISO 75-1, -2
High Speed Puncture	ASTM D3763; ISO 6603-2
Indentation Force Deflection	ASTM D3574 (Tests B <sub>1</sub> and B <sub>2</sub> )
Impact Resistance	ASTM D256, D4812; ISO 179 (Methods 1eA and 1eU), 180
Rockwell Hardness (R, M)	ASTM D785
Rubber - Deterioration in an Air Oven	ASTM D573
Salt Fog / Fluorescent UV	ASTM D5894
Specific Gravity and Density	ASTM D792 (Method A); ISO 1183-1 (Method A)
Steam Autoclave	ASTM D3574 (Test J)



<u>Test</u>	<u>Test Method(s)</u>
Tear Resistance	ASTM D624, D1004, D3489 (Part 9), D3574 (Test F); ISO 34-1 (Method B)
Tensile Adhesion	ASTM D1623
Tensile Properties	ASTM D638 ( <i>Except Part A3</i> ); ISO 527-1 ( <i>Except Part 10.4</i> ), -2
Tension	ASTM D412 (Method A), D3489 (Part 8), D3574 (Test E); ISO 37 (Type 1)
Thermal Conductivity	ASTM C518
Urethane Properties	ASTM D3489 ( <i>Except Parts 13, 15, 17, 18, 22, 23</i> ), D3574 ( <i>Except Tests G, I<sub>1</sub>, I<sub>2</sub>, I<sub>3</sub>, and I<sub>4</sub></i> )
Vicat Softening Point	ASTM D1525; ISO 306
Water Absorption	ISO 62 (Method 1)
Yellowness Index	ASTM E313
Recovery Time	ASTM D3574 (Test M)





# Accredited Laboratory

A2LA has accredited

**COVESTRO LLC**

*Pittsburgh, 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 25<sup>th</sup> day of May 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 0197.01  
Valid to May 31, 2023

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