



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AVIENT CORPORATION – ANALYTICAL SOLUTIONS  
33587 Walker Road  
Avon Lake, OH 44012  
Stephanie Mims Phone: 440 930 3499

MECHANICAL

Valid To: September 30, 2023

Certificate Number: 0514.01

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

<u>Test Description</u>	<u>Test Method or Standard</u>
Brittleness Temperature (Impact)	ASTM D746; ISO 812
Charpy Impact	ISO 179-1
Color Determination by Spectrophotometer	ASTM D2244, E1331; ISO 7724
Conditioning of Plastics for Testing	ASTM D618; ISO 291
Deflection Temperature Under Flexural Load	ASTM D648; ISO 75-1, -2
Durometer Hardness (Shore A and D)	ASTM D2240; ISO 7619-1
Flexural Properties	ASTM D790; ISO 178
Flow Rate (Extrusion Plastometer)	ASTM D1238 (Procedures A and B); ISO 1133
Impact Resistance (Izod)	ASTM D256; ISO 180
Instrumented Impact	ASTM D3763; ISO 6603-2
QUV Testing	ASTM D4329, G154; ISO 4892-3
Resistance of Plastics to Chemical Reagents (Immersion Test)	ASTM D543 (Practice A)
Specific Gravity/Density	ASTM D792 (Method A); ISO 1183-1
Specular Gloss	ASTM D523; ISO 2813
Tackiness of Interior Materials	BO 061-01
Tear Resistance	ASTM D624, D1004; ISO 34
Tensile Properties	ASTM D412 (Method A), D638, D882; ISO 37, 527-1, -2, -3, -4, -5
Vicat Softening Temperature	ASTM D1525; ISO 306
Xenon-Arc Exposure Testing	ASTM D2565, G155; SAE J1885 (Withdrawn January 2008) <sup>1</sup> , J1960 (Withdrawn January 2008) <sup>1</sup> , J2412, J2527; BO-116-01

<sup>1</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 This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.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

# AVIENT CORPORATION – ANALYTICAL SOLUTIONS

Avon Lake, OH

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 22<sup>nd</sup> day of February 2022.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 0514.01  
Valid to September 30, 2023  
Revised September 21, 2022

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