



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: December 31,2023

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| Xenon-Arc Exposure Testing | ASTM D2565, G155; SAE J1885 (Withdrawn January 2008) ¹ , J1960 (Withdrawn January 2008) ¹ , J2412, J2527; BO-116-01 |

¹ This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.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 22nd 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 December 31, 2023
Revised October 20, 2023

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