



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

DOW CHEMICAL COMPANY
AS R&D Testing Lab
433 Building
Midland, MI 48667
John Kohn Phone: 989 636 1306

MECHANICAL

Valid To: March 31, 2020

Certificate Number: 0152.01

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 rubber:

Test Description:

Test Method(s):

Impact Resistance (Izod Impact)	ASTM D256 (A, E); ISO 180
Conditioning of Plastics for Testing	ASTM D618 (A)
Tensile Properties of Plastics	ASTM D638; ISO 527 (1, 2)
Deflection Temperature of Plastics under Flexural Load	ASTM D648 (B); ISO 75 (1, 2)
Flexural Properties of Plastics	ASTM D790; ISO 178
Specific Gravity and Density by Displacement	ASTM D792 (A)
Melt Flow Rates	ASTM D1238; ISO 1133 (1, 2)
Calculation of Color Differences Instrumentally Measured	ASTM D2244
Standard Test Methods for Flexible Cellular Materials	ASTM D3574 (A, B, C, D, E, F, J, K)
Whiteness and Yellowness of Near-White Opaque Materials	ASTM E313
Determination of Charpy Impact Strength of Rigid Materials	ISO 179 (1)
Tear Strength of Rubber and Thermoplastic Elastomers	ASTM D624; ISO 34 (1,2)
Tensile Properties of Rubber and Thermoplastic Elastomers	ASTM D412 (A); ISO 37
Durometer Hardness of Rubber (Shore A, D Hardness)	ASTM D2240
High Speed Puncture Properties	ASTM D3763; ISO 6603 (2)
Compression Properties of Composite Materials	ASTM D6641
Tensile Properties of Composite Materials	ASTM D3039
Flexural Properties of Composite Materials	ASTM D7264
Interlaminar Shear Strength by Short Beam Method	ISO 14130



Accredited Laboratory

A2LA has accredited

DOW CHEMICAL COMPANY

Midland, MI

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 April 2017).



Presented this 30th day of May 2018.

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

President and CEO
For the Accreditation Council
Certificate Number 152.01
Valid to March 31, 2020

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