



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

BASF CORPORATION
Plastics Laboratory
450 Clark Drive
Budd Lake, NJ 07828
Eugene Volynsky Phone: 973 426 5472

MECHANICAL

Valid To: November 30, 2025

Certificate Number: 1764.01

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

Test Method(s):

Test:

ASTM D256; ISO 180	Izod Pendulum Impact Resistance of Plastics
ASTM D523	Gloss
ASTM D570; ISO 62 (Method 1)	Moisture Absorption
ASTM D618	Conditioning Plastics for Testing
ASTM D638; ISO 527-1, -2 (except Poisson's Ratio)	Tensile Properties of Plastics
ASTM D785; ISO 2039-2	Rockwell Hardness (Scales R and M)
ASTM D790; ISO 178	Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
ASTM D792; ISO 1183-1 (Method A)	Density and Specific Gravity (Relative Density) of Plastics
ASTM D1238 (Procedure B); ISO 1133-1 (Procedure B)	Melt Flow Rates of Thermoplastics by Extrusion Plastometer
ASTM D3418; ISO 11357-1, -3	Differential Scanning Calorimetry (DSC)
ASTM D3763	High Speed Puncture Properties of Plastics (Instrumented Impact)
ASTM D5420	Impact Resistance by Means of a Falling Weight (Gardner Impact)
ASTM D5630 (Procedure B); ISO 3451-1, -2, -4 (Method A)	Ash Content in Thermoplastics
ASTM D6869; ISO 15512 (Method B1)	Moisture in Plastics Using the Karl Fischer Reaction
ASTM E1331	Color Measurements
ISO 179-1	Determination of Charpy Impact Properties

Test Method(s):

Test:

SAE J2412

Accelerated Exposure of Automotive Interior Trim Components Using a Controlled Irradiance Water-cooled Xenon Arc

SAE J2527

Accelerated Exposure of Automotive Exterior Materials Using a Controlled Irradiance Water-cooled Xenon Arc Apparatus

UL 94

Flammability

ISO 1110

Plastics-Polyamides-Accelerated Conditioning of Test Specimens

ISO 188

Rubber, Vulcanized or Thermoplastic- Accelerated Ageing and Heat Resistance Test



Accredited Laboratory

A2LA has accredited

BASF CORPORATION

Budd Lake, NJ

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 9th day of November 2023.

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 1764.01
Valid to November 30, 2025

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