



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

BASF CORPORATION  
Plastics Laboratory  
450 Clark Drive  
Budd Lake, NJ 07828  
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MECHANICAL

Valid To: November 30, 2023

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:

<b><u>Test Method(s)<sup>1</sup>:</u></b>	<b><u>Test:</u></b>
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	Tensile Properties of Plastics
ASTM D648 (Method B); ISO 75-1, -2	Deflection Temperature of Plastics Under Flexural Load
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 D5628	Impact Resistance by Means of a Falling Dart
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)<sup>1</sup>:**

**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

<sup>1</sup>When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA R101 - *General Requirements - Accreditation of ISO-IEC 17025 Laboratories*.



# 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 5<sup>th</sup> day of November 2021.

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

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 1764.01  
Valid to November 30, 2023

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