



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

BASF CORPORATION
SEPC Operations
Quality Control Laboratory
200 Iris Drive
Sparta, TN 38583
Brian Tupper Phone: 931 738 7257

MECHANICAL

Valid To: March 31, 2026

Certificate Number: 1217.01

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

<u>Test Method</u>	<u>Test</u>
ASTM D618	Conditioning
ASTM D792	Specific Gravity by Displacement - Electronic Densimeter (Method A Density)
ASTM D1238	Melt Flow Rate (Procedure A and B)
ASTM D3418	DSC Melt Point
ASTM D5630-2013	Percent Ash Content (Procedure B)
ASTM D6869	Percent Moisture (Automated Karl Fisher Titrimetry) Coulometric Method
ASTM E1331	Color Difference (Reflectance)
ISO 75-2	Deflection Temperature Under Load
ISO 178	Flexural Properties
ISO 179-1	Charpy Testing
ISO 180	Determination of Izod Impact Strength
ISO 307	Determination of Viscosity Number - Polyamides
ISO 527-1, -2	Tensile Properties (except section 10.4 Poisson Ratio)
ISO 1133-1, -2	Melt Flow Rate (Procedure A and B)
ISO 1183-1	Density

Test Method

Test

ISO 1628	Determination of the Viscosity of Polymers in Dilute Solution using Capillary Viscometers
ISO 3451-1	Determination of Ash (Method A)
ISO 11357-1, -3	DSC Melt Point
ISO 15512 B	Determination of Water Content





Accredited Laboratory

A2LA has accredited

BASF CORPORATION

Sparta, TN

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 21st day of December 2023.

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

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1217.01
Valid to March 31, 2026

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