SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

TECHMER PM ANALYTICAL AND TESTING LABORATORY
#1 Quality Circle
Clinton, TN 37716
Bhushan Deshpande Phone: 865 457 6700 and 865 457 2400

MECHANICAL

Valid To: May 31, 2025 Certificate Number: 2844.01

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 DESCRIPTION	TEST METHOD(S)
Impact Resistance of Notched Specimens of Plastic	ASTM D256; ISO 180/A
Specular Gloss	ASTM D523
Conditioning of Plastics for Testing	ASTM D618; ISO 291
Tensile Properties of Plastics	ASTM D638; ISO 527-1,-2,-4, -5
Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position	ASTM D648, Method B
Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulation Materials	ASTM D790; ISO 178
Determination of Temperature of Deflection Under Load	ISO 75-1, ISO 75-2
Melt Flow Rates of Thermoplastics by Extrusion Plastometer	ASTM D1238
Determination of Charpy Impact Properties	ISO 179-1, Type A
Tests for Flammability of Plastic Materials for Parts in Devices and Appliances	UL-94 (Except Section 10)
Fire Tests for Flame Propagation of Textiles and Films	NFPA 701
Tensile Properties of Thin Plastic Sheeting	ASTM D882

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TEST DESCRIPTION	TEST METHOD(S)
Accelerated Exposure of Automotive Interior Trim Components Using a Controlled Irradiance Xenon-Arc Apparatus	SAE J2412
Accelerated Exposure of Automotive Exterior Materials Using a Controlled Irradiance Xenon-Arc Apparatus	SAE J2527
Ash Content in Plastics	ASTM D5630, Procedure B
Transition Temperatures and Enthalpies of Fusion and Crystallization of Polymers by Differential Scanning Calorimetry	ASTM D3418
Oxidative Induction Time of Polyolefins by Differential Scanning Calorimetry	ASTM D3895
Fluorescent UV Exposure of Plastics	ASTM D4329
Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials	ASTM G155
Static and Kinetic Coefficients of Friction of Plastic Film and Sheeting	ASTM D1894 (withdrawn 2023)[1]
Colorfastness to Light	AATCC TM 16
Measuring Shrinkage from Mold Dimensions	ASTM D955
Compression Properties of Rigid Plastics	ASTM D695
Density via Pycnometer	ISO 1183-3
Vicat Softening Temperature of Plastic	ASTM D1525
Tensile Properties of Yarns by the Single-Strand Method	ASTM D2256/D2256M
Specific Optical Density of Smoke Generated by Solid Materials	ASTM E662
Properties of Polymeric Materials by Means of a Capillary Rheometer	ASTM D3835
DC Resistance or Conductance of Insulating Materials	ASTM D257
Compositional Analysis by TGA	ASTM E1131
Rapid Thermal Degradation of Solid Electrical Insulating Materials by TGA	ASTM D3850

[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

TECHMER PM ANALYTICAL AND TESTING LABORATORY

Clinton, 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 19th day of June 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2844.01
Valid to May 31, 2025

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