SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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MECHANICAL

Valid To: February 28, 2027 Certificate Number: 1242.01

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

Test	Test Method
Impact Resistance of Notched Specimens of Plastics	ASTM D256
Vulcanized Rubber & Thermoplastic Elastometers – Tension	ASTM D412 (Method A)
Rubber Properties in Compression	ASTM D575 (Method B)
Conditioning of Plastics for Testing	ASTM D618
Tensile Properties of Plastics	ASTM D638
Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position (HDT)	ASTM D648 (Method A)
Compression Properties of Rigid Plastics	ASTM D695
Flexural Properties of Unreinforced & Reinforced Plastics & Electrical Insulating Materials	ASTM D790
Density & Specific Gravity (Relative Density) of Plastics by Displacement	ASTM D792 (Method A)
Vicat Softening Temperature of Plastics (VST)	ASTM D1525
Environmental Stress-Cracking of Ethylene Plastics	ASTM D1693 (Conditions A and B)

Test	Test Method
Tensile, Compressive, and Flexural Creep and Creep-Rupture of Plastics	ASTM D2990 (Except Compressive Creep, and Creep Rupture)
Heats of Fusion & Crystallization of Polymers by Differential Scanning Calorimetry (DSC)	ASTM D3417-99 (2004)
Transition Temperatures of Polymers by Differential Scanning Calorimetry (DSC)	ASTM D3418
High Speed Puncture Properties of Plastics Using Load and Displacement Sensors	ASTM D3763
Determination of Properties of Polymeric Materials by Means of a Capillary Rheometer	ASTM D3835
Unnotched Cantilever Beam Impact Strength of Plastics	ASTM D4812
Dynamic Mechanical Properties of Plastics in Torsion	ASTM D5279
Thermal Conductivity of Plastics Using Line-Source Method	ASTM D5930
Charpy Impact Resistance of Notched Specimens of Plastics	ASTM D6110
Standard Test Methods for Tension Testing of Metallic Materials	ASTM E8/E8M
Standard Test Methods for Determining Average Grain Size	ASTM E112
Standard Test Method for Analysis of Aluminum and Aluminum Alloys by Spark Atomic Emission Spectrometry	ASTM E1251
Coefficient of Linear Thermal Expansion of Solid Materials by Thermomechanical Analysis	ASTM E831
Rubber – Determination of Tensile Stress-Strain Properties	ISO 37
Determination of Temperature of Deflection Under Load (HDT)	ISO 75-1/2
Plastics – Determination of Flexural Properties	ISO 178
Plastics – Charpy Impact Properties – Non-Instrumented	ISO 179-1
Plastics – Izod Impact Strength	ISO 180
Plastics – Determination of Vicat Softening Temperature (VST)	ISO 306
Plastics – Determination of Tensile Properties	ISO 527-2
Plastics – Determination of Compressive Properties	ISO 604

Test	Test Method
Plastics – Determination of Creep Behaviour – Part 1: Tensile Creep	ISO 899-1
Density & Specific Gravity of Non-Cellular Plastics	ISO 1183-1 (Method A)
High Speed Puncture	ISO 6603-2
Plastics – Determination of Dynamic Mechanical Properties	ISO 6721-7
Plastics – Differential Scanning Calorimetry (DSC) – Determination of Glass Transition Temperature	ISO 11357-2
Plastics – Differential Scanning Calorimetry (DSC) – Determination of Temperature & Enthalpy of Melting & Crystallization	ISO 11357-3
Plastics – Thermomechanical Analysis (TMA) – Part 2: Determination of Coefficient of Linear Thermal Expansion & Glass Transition Temperature	ISO 11359-2
Plastics – Determination of the Fluidity of Plastics using Capillary & Slit-Die Rheometer	ISO 11443 (Method A)
Melting Point by Differential Scanning Calorimeter	GM 9094P (2011)
Multi-Axial Impact	GM 9904P (2011)

Accredited Laboratory

A2LA has accredited

DATAPOINTLABS LLC

Ithaca, NY

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 8th day of April 2025.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1242.01
Valid to February 28, 2027
Revised July 7, 2026

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