CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Stress Engineering Services, Inc.
7030 Stress Engineering Way
Mason, OH 45040

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 07 September 2023

Certificate Number: AT-2503

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. 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).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Stress Engineering Services, Inc.
7030 Stress Engineering Way
Mason, OH 45040
Amanda Stuckenberg (513) 336-6701
amanda.stuckenberg@stress.com

TESTING

Valid to: **September 7, 2023** Certificate Number: **AT-2503**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Glass Transition Temperature; Dynamic Mechanical Testing	ASTM D4065 ASTM D7028 ASTM E1640	Plastics, Rubbers and Composites	Dynamic Mechanical Analyzer (DMA)
Transition Temperature & Enthalpies of Fusion; Glass Transition Temperature; Oxidative Induction Time; Specific Heat Capacity; Purity; Melting Temperature	ASTM D3418 ASTM E793 ASTM D7426 ASTM E1356 ASTM D3895 ASTM E1858 ASTM E1269 ASTM E928 ASTM D1519	Organic and Inorganic Solids, Liquids, Plastics, Rubbers, and Composites	Differential Scanning Calorimeter (DSC)
Material Identification	ASTM E573 ASTM E1252	Organic Solids, Liquids, Plastics, Rubbers and Composites	Fourier Transform Infrared Spectrophotometer (FTIR)
Material Composition; Rapid Thermal Degradation	ASTM 3850 ASTM D6370 ASTM E1131	Organic Solids, Liquids, Plastics, Rubbers and Composites	Thermo Gravimetric Analyzer (TGA)
Coefficient of Linear Thermal Expansion	ASTM E831	Organic and Inorganic Solids, Plastics, Rubbers and Composites	Thermo Mechanical Analyzer (TMA)

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Hardness	ASTM D2240	Plastics, Rubbers, and Composites	Automated Shore Hardness Tester (A, D)
Mass Change and Volume Swell; Density; Specific Gravity	ASTM D471 ASTM D792	Plastics, Rubbers, and Composites	Scale and Immersion Scale for Mass and Density

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2503.

R. Douglas Leonard Jr., VP, PILR SBU