



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CENTER FOR POLYMERS AND ADVANCED COMPOSITES, CPAC  
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MECHANICAL

Valid To: May 31, 2024

Certificate Number: 6233.01

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

<u>Test</u>	<u>Test Method(s)</u>
Tensile Properties of Plastics	ASTM D638
Tensile Properties of Composites	ASTM D3039/D3039M
Flexural Properties of Plastics	ASTM D790 (Type I)
Flatwise Tensile of Sandwich Constructions	ASTM C297/C297M
Differential Scanning Calorimetry (DSC)	ASTM D3418
Thermogravimetric Analysis (TGA)	ASTM D3850, E1131
Fourier Transform Infrared Spectroscopy (FTIR) Sections 6.1, 6.4, 6.5, 7.1	ASTM E1252
Climbing Drum Peel for Adhesives	ASTM D1781
Floating Roller Peel Resistance of Adhesives	ASTM D3167
Shear Properties of Sandwich Core Materials (Shear Stress only)	ASTM C273 /C273M
Rubber and Thermoplastics Tensile	ASTM D412 (Method A)
Rubber Properties in Compression	ASTM D575
Resin Flow of Carbon Fiber-Epoxy Prepreg	ASTM D3531/D3531M
Gel Time of Carbon Fiber – Epoxy Prepreg	ASTM D3532/D3532M



## Accredited Laboratory

A2LA has accredited

# Center for Polymers and Advanced Composites, CPAC

Auburn, AL

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 laboratory also meets the requirements of any additional program requirements in the Mechanical field. 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 19<sup>th</sup> day of April 2022.

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

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 6233.01  
Valid to May 31, 2024  
Revised June 13, 2023

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