



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Retlif Testing Laboratories  
Composite Prototyping Center

121 Express Street  
Plainview, NY 11803

Robert Bernius  
rbernius@retlif.com

TESTING

Valid to: September 2, 2022

Certificate Number: L2320.01

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Tensile Properties of Plastics	ASTM D638	Composite Materials	
Tensile Properties of Polymer Matrix Composite Materials	ASTM D3039	Composite Materials	
Tensile Strength (Open Hole) of Polymer Matrix Composite Laminates Testing	ASTM D5766	Composite Materials	
Flatwise Tensile Strength	ASTM C297	Composite Materials	
Compressive Properties of Rigid Plastics	ASTM D695	Composite Materials	
In-Plane Shear Strength of Reinforced Plastics	ASTM D3846	Composite Materials	
Combined Loading Compression (CLC)	ASTM D6641	Composite Materials	
Flexural Properties of Unreinforced and Reinforced Plastics	ASTM D790	Composite Materials	
Core Shear Properties of Sandwich Constructions	ASTM C393	Composite Materials	



# ANSI National Accreditation Board

## Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Long Beam Flexure	ASTM D7249	Composite Materials	
Flexural Properties of Polymer Matrix Composite Materials	ASTM D7264	Composite Materials	
Compression After Impact	SACMA SRM 2R-94; ASTM D7137	Composite Materials	
Impact	ASTM D7136	Composite Materials	
Gel Time	ASTM D3532	Composite Materials	
Volatile Content	ASTM D3530	Composite Materials	
Resin Flow	ASTM D3531	Composite Materials	
Resin Content and Fiber Areal Weight	ASTM D3171 – (Procedure G); ASTM D2584	Composite Materials	
Short Beam Shear Test	ASTM D2344	Composite Materials	

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2320.01.



Vice President