



# CERTIFICATE OF ACCREDITATION

**The ANSI National Accreditation Board**

Hereby attests that

**TPI Composites Inc.  
TPI Physical Sciences Laboratory**

**373 Market Street  
Warren RI, 02885**

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](http://www.anab.org).

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a solid horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 13 September 2023  
Certificate Number: AT-3018



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**

**TPI Composites Inc.  
TPI Physical Sciences Laboratory**

373 Market Street  
Warren RI, 02885  
Kirt Bañal Kbanal@tpicomposites.com

**TESTING**

Valid to: September 13, 2023

Certificate Number: **AT-3018**

**Mechanical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Tensile Properties	ISO 527-1	FRP/Plastics	Hydraulic MTS Machines
Tensile Properties	ISO 527-2	Adhesives	Hydraulic MTS Machines
Tensile Properties	ISO 527-4	FRP	Hydraulic MTS Machines
Tensile Properties	ISO 527-5	FRP	Hydraulic MTS Machines
Textile Content	ISO 1172	FRP	Furnace, Balance
Compressive Properties	ISO 14126	FRP	Hydraulic MTS Machines
Shear Properties	ISO 4587	Adhesives	Hydraulic MTS Machines
Shear Properties	ASTM C273	Foam Core	Hydraulic MTS Machines
Tensile Properties	ASTM C297	Foam Core	Hydraulic MTS Machines
Compressive Properties	ASTM C365	Foam Core	Hydraulic MTS Machines
Tensile Properties	ASTM D638	Adhesives	Hydraulic MTS Machines

**Mechanical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Flexural Properties	ASTM D790	FRP/Adhesives	Hydraulic MTS Machines
Shear Properties	ASTM D2344	FRP	Hydraulic MTS Machines
Textile Content	ASTM D2584	FRP	Furnace, Balance
Void Content	ASTM D2734	FRP	Balance
Textile/Filler Content	ASTM D3171	FRP	Furnace, Balance
Tensile Properties	ASTM D3039	FRP	Hydraulic MTS Machines
Glass Transition	ASTM D3418	Thermosetting Resins	DSC
Shear Properties	ASTM D3528	Adhesives	Hydraulic MTS Machines
Shear Properties	ASTM D5379	FRP	Hydraulic MTS Machines
Interlaminar Fracture, G1c	ASTM D5528	FRP/Adhesives	Hydraulic MTS Machines
Compressive Properties	ASTM D6641	FRP	Hydraulic MTS Machines
Shear Properties	ASTM D7078	FRP/Adhesives	Hydraulic MTS Machines

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT -3018.



R. Douglas Leonard Jr., VP, PILR SBU