Merit

Merit

Nadcap℠

Administered by PRI

This certificate is granted and awarded by the authority of the Nadcap Management Council to:

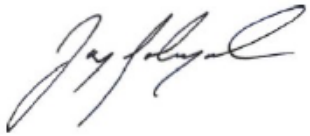
IMR Test Labs

131 Woodsedge Drive
Lansing, NY 14882
United States

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:

Non Metallic Materials Testing

Certificate Number: 3262233953
Expiration Date: 30 November 2027
Accreditation Length: 24 Months



Jay Solomond
Executive Vice President & Chief Operating Officer

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527

Merit

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SCOPE OF ACCREDITATION

Non Metallic Materials Testing

IMR Test Labs
131 Woodsedge Drive
Lansing, NY 14882

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: www.eAuditNet.com - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

AC7000 Rev A - AUDIT CRITERIA FOR NADCAP ACCREDITATION

AC7122/1 Rev C - Nadcap Audit Criteria for Non Metallic Materials Testing – Mechanical Testing (to be used on audits on/AFTER 29-Dec-2024)

1.1.1 Tensile Ambient Temperature
1.1.2 Tensile Non–ambient Temperature
1.1.3 Tensile Strain Measurement
1.1.4 Tensile/Elongation
1.12.1 Climbing Drum Peel
1.13.1 Floating Roller Peel
1.17.1 Bearing Strength
1.2.1 Compression Ambient Temperature
1.2.2 Compression Non–ambient Temperature
1.2.3 Compression Strain Measurement
1.2.4 Compression Set
1.2.5 Flatwise Compressive, Ambient
1.2.6 Flatwise Compressive Non–Ambient
1.2.7 Flatwise Compressive Strain Measurement
1.21.1 Flatwise tension Sandwich
1.22.1 Sandwich Flexure
1.24.1 Tear
1.3.1 Shear Ambient Temperature by SBS
1.3.2 Shear Ambient Temperature ±45 Tension
1.3.3 Shear Ambient Temperature by Compression
1.3.4 Shear Ambient Temperature by V Notch
1.3.5 Shear Non–ambient (any method)
1.3.6 Shear Strain Measurement
1.4.1 Flexural Ambient Temp
1.4.2 Flexural Non–ambient

1.4.3 Flexural Strain Measurement
1.9.1 Single Lap Shear – Ambient Temperature
1.9.2 Single Lap Shear – Non–ambient Temperature

AC7122/2 Rev A - Nadcap Audit Criteria for Non Metallic Materials Testing – Physical Testing

2.1.3 Hardness Testing: Shore
2.12.1 Effects of Liquids
2.17.1 Deterioration in Air Oven
2.2.1 Density/ Specific Gravity
2.3.1 Resin/Fiber /Void Content by: Acid Digestion
2.3.2 Resin/Fiber /Void Content by: Burn off
2.3.3 Resin/Fiber /Void Content by: Solvent wash
2.4.1 Water Absorption
2.5.1 Volatile Content
2.6.1 Gel Time
2.7.1 Flow
2.8.1 Fiber Areal Weight
2.8.2 Prepreg Areal/Adhesive Film Weight
2.9.1 Viscosity Liquid Resin

AC7122/3 Rev A - Nadcap Audit Criteria for Non Metallic Materials Testing – Chemical Testing

3.1.1 IR/FTIR

AC7122/4 Rev A - Nadcap Audit Criteria for Non Metallic Materials Testing – Thermal Analysis

4.1.1 Dynamic Mechanical Analysis (DMA)
4.2.1 Thermogravimetric Analysis (TGA)
4.3.1 Differential Scanning Calorimetry (DSC)
4.4.1 TMA: Glass Transition TemperatureTMA
4.6.2 TMA: Linear Thermal Expansion of SolidsCTE

AC7122/5 - Nadcap Audit Criteria for Non Metallic Materials Testing – Flammability

5.1.1 Vertical

AC7122-I Rev F - Nadcap Audit Criteria for Non Metallic Materials Testing (Required) (to be used on audits on/AFTER 29-Dec-2024)

Class A: Composites
Class B: Adhesive/Adhesive Primer
Class C: Elastomers
Class D: Core

Fabrication - Codes

F.2.1 Specimen Fabrication
F.3.1 Specimen Machining