

SCOPE OF ACCREDITATION

Non Metallic Materials Manufacturing

Toray Composite Materials America, Inc.
19002 50th Ave E
Tacoma, WA 98446

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 B - Nadcap Audit Criteria for Non Metallic Materials Testing – Mechanical Testing

- 1.1.1 Tensile Ambient Temperature
- 1.1.2 Tensile Non–ambient Temperature
- 1.1.3 Tensile Strain Measurement
- 1.17.1 Bearing Strength
- 1.18.1 Glc
- 1.19.1 Gllc
- 1.2.1 Compression Ambient Temperature
- 1.2.2 Compression Non–ambient Temperature
- 1.2.3 Compression Strain Measurement
- 1.20.1 Compression after Impact CAI
- 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

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

- 2.15.1 Moisture Content
- 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

- 2.5.1 Volatile Content
- 2.6.1 Gel Time
- 2.7.1 Flow
- 2.8.1 Fiber Areal Weight

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

- 3.1.1 IR/FTIR
- 3.2.1 HPLC

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

- 4.1.1 DMA
- 4.3.1 DSC
- 4.4.1 TMA
- 4.6.2 CTE by TMA

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

- 5.1.1 Vertical

AC7122-R Rev D - Nadcap Audit Criteria for Non Metallic Materials Testing – Raw material manufacturer's captive testing laboratories (Only in conjunction with AC7124) (to be used on audits prior to 24 March 2019)

Class A: Composites

AC7124 Rev B - Nadcap Audit Criteria for Non Metallic Materials Manufacturing (Required) (to be used on audits BEFORE 31-Dec-2023)

AC7124/1 - Nadcap Audit Criteria for Non Metallic Materials Manufacturing – Resin Manufacturing (to be used on audits BEFORE 31-Dec-2023)

Resin Mixing

AC7124/2 Rev A - Nadcap Audit Criteria for Non Metallic Materials Manufacturing – Thermoset Prepreg Manufacturing (to be used on audits BEFORE 31-Dec-2023)

- Filming
- Prepregging – Hot Melt
- Rewinding
- Slitting