

## SCOPE OF ACCREDITATION

### Non Metallic Materials Testing

**Element Seville**  
Wilburg y Orville Wright 1  
(AEROPOLIS) SEVILLA, 41300  
Spain

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: [www.eAuditNet.com](http://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:

#### **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
- 1.12.1 Climbing Drum Peel
- 1.13.1 Floating Roller Peel
- 1.17.1 Bearing Strength
- 1.18.1 G1c
- 1.2.1 Compression Ambient Temperature
- 1.2.2 Compression Non–ambient Temperature
- 1.2.3 Compression Strain Measurement
- 1.21.1 Flatwise tension Sandwich
- 1.22.1 Sandwich Flexure
- 1.3.1 Shear Ambient Temperature by SBS
- 1.3.2 Shear Ambient Temperature  $\pm 45$  Tension
- 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**

- 2.2.1 Density/ Specific Gravity
- 2.2.2 Fiber Tow Density (Archimedes Method)
- 2.3.1 Resin/Fiber /Void Content by: Acid Digestion

2.3.3 Resin/Fiber /Void Content by: Solvent wash

2.5.1 Volatile Content

2.7.1 Flow

2.8.1 Fiber Areal Weight

2.8.2 Prepreg Areal/Adhesive Film Weight

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

4.1.1 Dynamic Mechanical Analysis (DMA)

4.3.1 Differential Scanning Calorimetry (DSC)

**AC7122-I Rev D - Nadcap Audit Criteria for Non Metallic Materials Testing (Required) (to be used on audits before 24 March 2019)**

Class A: Composites

Class B: Adhesive/Adhesive Primer

**Fabrication - Codes**

F.3.1 Specimen Machining