

## **SCOPE OF ACCREDITATION**

### **Non Metallic Materials Testing**

#### **Element Materials Technology Seville, S.L.U.**

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:

### **AC7000 - 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

1.12.1 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

1.2.5 Flatwise Compressive, Ambient

1.2.6 Flatwise Compressive Non–Ambient

1.2.7 Flatwise Compressive  $\rho$  g/F1 12 Tf( )Tp -16 Td/F3 12 Tf0 0 0 rg(1.2.7 Flatwise CompressO 12 TQDnI0

- 1.4.2 Flexural Non–ambient
- 1.4.3 Flexural Strain measurement
- 1.8.1 Double Lap Shear Ambient Temperature
- 1.8.2 Double Lap Shear Non–ambient Temperature
- 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
- 2.3.2 Resin/Fiber /Void Content by: Burn off
- 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 E - Nadcap Audit Criteria for Non Metallic Materials Testing (Required) (to be used on audits on/after 24 March 2019)**

- Class A: Composites
- Class B: Adhesive/Adhesive Primer

### **Fabrication - Codes**

- F.2.1 Specimen Fabrication
- F.3.1 Specimen Machining