Textron
Bell Helicopter
Cessna
Beechcraft

Vendor Information 1857 Business Center Drive Duarte, CA 91010

Spec #
TP3511, DOT/FAA/AR-00/12
TP1601
CSTI008
CSPS062
CPTI004
CPTI003
BS23718
BS24632
CMAC005
CMAC008
CMNP087
CSAC005
CSFS035

Customer Project #

Bell Helicopter Bell Helicopter Bell Helicopter Bell Helicopter Bell Helicopter ELO002587P

ELO002553P

5 years

Spec Title

Aricraft Materials Fire Test Hndbk

Hardness Test of Metals

Electrical Conductivity Testing

Decarburization & Carb Deretm

Test Adhesives

Test Prepregs & Cured Laminate

Fiberglass/ Epoxy Prepreg for Interior and Electrical Applications

Graphite (Carbon)/ Epoxy Prepreg 250-350 F Curing

Foaming Adhesive

Carbon Reinforced Epoxy, Preigpregnated 350 F Cure

Glass reinfornced Phenolic preinpregnated 250 F Cure

Manufacture of Critical Fiber Reinforced polymer Matrix Composite Assemblies

Chemical Cleaning of materials

T#

56532

57739

55590

58357

59735

59872

Spec	Date	Specimen ID
Opec		оросииси із
	28-Jan-21	
	12-Feb-21	
	12-Feb-21 2-Apr-21	
	12-Feb-21 2-Apr-21 12-May-21	
	12-Feb-21 2-Apr-21 12-May-21 17-Nov-21	
	12-Feb-21 2-Apr-21 12-May-21	
	12-Feb-21 2-Apr-21 12-May-21 17-Nov-21	

Customers

Element Materials Techonology 1857 Business Center Drive Duarte, CA 91010

Textron, Beechcraft, Cessna, McCauley

Specification Number	Specification Title
TP3511, DOT/FAA/AR-00/12	Aircraft Materials Fire Test Hndbk
TP1601	Hardness Test of Metals
	Electrical Conductivity Testing of
CSTI008	aluminum alloy
	Decarburization & Carb Determining
CSPS062	procedure
CPTI004	Test Adhesives
	6 '
CPTI003	Test Prepregs & Cured Laminate

Part J. Date: 2/10/2023 Export J. Date: 2/10

Customer Project #

Test approved

FIRE: Ty I vertical burn, Ty II horizontal burn, Ty III 45 Deg. Angle, 30 seconds burn though, Ty IV motion pictures, T acoustin insulation.

From Cessna

From Cessna

From Cessna

PHYSICALS: density, areal weight, viscosity, solid contents, volatiles content, flow, expansion, tack, sag, filleting. M tube shear, flexural shear, T-peel, climbing drum, canvass 180 degrees, floating roller peel, compression rigid plast PHYSICALS: specific gravity, drape test, fiber content by digestion, void content, gel time, material burn performar dissolution, resin flow, tack test, volatile content. MECHANICAL: Tensile strength and modulus, compressive strength and modulus, flatwise tensile, sandwich long beam flexure, ply thickness, DMA glass transition temperatic CHEMICAL CHARACTERIZATION: DSC Differential scanning calorimetry per ASTM E1356.

and core materials and assemblies that require e facility by Bell nor does it release the suppliers ision of this list will be issued as necessary. LITY LOCATION 1, OH 45014¹ CA 92807² uarte, CA 91010³ Broken Arrow, OK, 74012⁵