

TestID	Description
AAH 58260 Fiber Tensile	AAH 58260 Single Strand Tensile Test
AASHTO T 250-6 TS-4c	Low temp stress resistance
ANSI 77 2007 Ceneter Cover Test	10 Cycle Cover Loading w/ final load cycle
ANSI 77 2007 Lateral Wall Test	10 Cycle Lateral Loading w/ final load cycle
ANSI 77 2007 Vertical Wall Test	10 Cycle Vertical Center w/ final load cycle
ANSI Z 124	Accelerated Aging / Blister Testing (500 hrs)
ASTM B117	Salt Spray Conditioning
ASTM C 1147	Short Term Tensile Strength
ASTM C 158	Strength of Glass by Flexure
ASTM C 271	Density for Sandwich Cores
ASTM C 272	Density of Sandwich Core Materials
ASTM C 273	Core Shear Strength / Modulus
ASTM C 297	Flatwise Tensile Strength
ASTM C 365	Flatwise Compressive Strength
ASTM C 393	Core Shear Properties of Sandwich Constructions by Beam Flexure - 3 Point
ASTM C 393 4pt	Core Shear Properties of Sandwich Constructions by Beam Flexure - 4 Point
ASTM C 581	Chemical resistance of resins by Flexure
ASTM D 1002	Metal to Metal Adhesive Lap Shear
ASTM D 1062	Cleavage Peel Strength
ASTM D 1621	Core Compressive Strength / Modulus
ASTM D 1622	Density of Plastics
ASTM D 1623	Flatwise Tensile
ASTM D 1761 - Screw	Fastener Pull-Out Strength - Screw
ASTM D 1761 - Staple	Fastener Pull-Out Strength - Staple
ASTM D 1781	Climbing Drum Peel
ASTM D 1876	T-Peel Test
ASTM D 2126	Humid Aging of Rigid Cellural Plastics
ASTM D 2240	Shore Hardness
ASTM D 2247	Water resistance of coatings in 100% Humidity
ASTM D 2343	Tensile Properties of Glass Fiber Strands
ASTM D 2344	Short-Beam Shear Strength
ASTM D 2412	Pipe Stiffness
ASTM D 2471	Gel Time and Peak Exothermic Temperature
ASTM D 256 - Method A	Impact Resistance
ASTM D 256 - Unnotched, Method E	Impact Resistance - Unnotched
ASTM D 2566	Linear Shrinkage
ASTM D 2583	Barcol Hardness
ASTM D 2584	Resin Content
ASTM D 2584 LS	Resin Content w/ Laminate Schedule
ASTM D 2584 WF	Resin Content w/ Filler
ASTM D 2734	Void Content
ASTM D 3039	Tensile Strength / Modulus

ASTM D 3039 - PR	Tensile Strength / Modulus & Poissons Ratio
ASTM D 3043	Structural Panels in Flexure
ASTM D 3163	Plastic to Plastic Adhesive Lap Shear
ASTM D 3165	Panel to Panel Adhesives Lap Shear
ASTM D 3167	Floating Roller Peel Drum
ASTM D 3171 - Method 1	Resin Content by Resin Digestion (Procedure G)
ASTM D 3171 - Method 2	Resin Content by Resin Digestion
ASTM D 3518	In-Plane Shear Stress-Strain (45 degree Tensile)
ASTM D 3528	Double Adhesive Lap Shear Strength
ASTM D 3807	Cleavage Peel Strength
ASTM D 3846	In-Plane Shear Strength (Notched)
ASTM D 4255	In-Plane Shear Strength / Modulus (Rail Shear)
ASTM D 4442	Moisture Content Measurement
ASTM D 4585	Controlled Condensation Conditioning
ASTM D 5229	Moisture Absorption
ASTM D 5379	Shear Properties (V-Notch)
ASTM D 5420	Gardner Drop Impact Test
ASTM D 5467	Skin Compression by Beam Flexure
ASTM D 5628	Drop Impact Test
ASTM D 570	Water Absorption
ASTM D 5766	Tensile Strength, Open Hole
ASTM D 5868	Strength of Adhesions in Shear
ASTM D 5941	Impact: Izod, Charpy
ASTM D 6272	4 Point Flexure
ASTM D 638	Tensile Strength / Modulus
ASTM D 638 - Elongation	Tensile Strength / Modulus - with Elongation
ASTM D 638 - PR	Tensile Strength / Modulus & Poissons Ratio
ASTM D 6641	Compressive Strength / Modulus
ASTM D 6641 - PR	Compressive Strength / Modulus & Poissons ratio
ASTM D 6772	Dimensional Stability
ASTM D 695	Compressive Strength/Modulus
ASTM D 7078	V-Notched Rail Shear
ASTM D 7136 (analysis)	Drop Weight Damage Resistance (Full Analysis)
ASTM D 7136 (no analysis)	Drop Weight Damage Resistance (no Analysis)
ASTM D 7205	Tensile Strength / Modulus
ASTM D 7234	Pull off Adhesion of Coatings on Concrete
ASTM D 7249 - 3 point	Facing properties by Long Beam Flexure - 3 Point
ASTM D 7249 - 4 point	Facing properties by Long Beam Flexure - 4 Point
ASTM D 7250	Sandwich Beam Flex - 3point
ASTM D 7264	Flexural Strength / Modulus - 3 Point
ASTM D 7291	Flatwise Tensile Strength - Straight Sided (Strength only)
ASTM D 732	Through-Plane Shear Strength (Punch Shear)
ASTM D 790	Flexural Strength / Modulus - 3 Point
ASTM D 790 - 4pt	Flexural Strength / Modulus - 4 point
ASTM D 790 - Gelcoat	Evaluation of Gelcoat in Tension

ASTM D 790 - Gelcoat - 4pt	Evaluation of Gelcoat in Compression
ASTM D 7905	
ASTM D 792	Density and Specific Gravity
ASTM D 953	Bearing Strength
Boeing Modified ASTM D695 Compression	Compression Strength / Modulus
BSS 7260 (Type III)	Tabbed Compression
CEMS DT-4	International Impact Test
Custom	Custom Test Set-up
Custom Compression	Custom Compression Test
Custom Flex Test 3pt	Custom 3 Point Flex Test
Custom Flex Test 4pt	Custom 4 Point Flex Test
Custom Shear	Custom Shear Test
Custom Tensile	Custom Tensile Test
Density	Density and Specific Gravity
Drop Weight Impact - FIT	Instrumented Drop Weight Impact @ FIT
Drop Weight Impact - SCI	Drop Weight Impact @ SCI
External - ASTM C 335	Thermal conductivity
External - ASTM C 377	Thermal conductivity
External - ASTM D 1475	Density of Liquid Coatings
External - ASTM D 3045	Heat Aging of Plastics
External - ASTM D 3171	Resin Content by Resin Digestion
External - ASTM D 3530	Volatiles Content of Prepreg
External - ASTM D 3531	Resin Flow of Carbon Fiber-Epoxy Prepreg
External - ASTM D 3532	Gel Time of Carbon-Epoxy Pre-Preg
External - ASTM D 4639	Volatile Content of Resins
External - ASTM D 648	Heat Deflection Temperature
External - ASTM D 696	Coefficient of Linear Thermal Expansion
External - ASTM E 1356	Differential Scanning Calorimetry
External - ASTM E 228	Linear Thermal Expansion of Solids with a Vitreous Silica Dilatometer
External - ASTM E 662	Fire Gas Toxicity
External - ASTM E 831	Thermomechanical Analysis
External - ASTM E 84	Surface Flammability
External - Glass Transition	Glass Transition Temp
Freeze-Thaw Resistance (40d)	40 Day Freeze Exposure
GB/T 1447-2005	Tensile Strength/Modulus & Poissons Ratio
GB/T 1449-2005	Flexural Properties
GB/T 1451-2005	Charpy Impact
Gelcoat Flexibility (TN-TS-01A)	CoREZYN Gelcoat Flexibility - Flex Strip Test
ISO 11357-2	Differential Scanning Calorimetry
ISO 11359-2	Thermomechanical Analysis
ISO 1172	Resin Content
ISO 14125	Flexural Properties
ISO 14126	Compression Strength / Modulus
ISO 14127	Weight Fraction
ISO 14130	Short Beam Shear Strength

ISO 1675	Density of fluids
ISO 178	Flexural Properties
ISO 1887	Fiber Content
ISO 1922	Core Shear / Modulus
ISO 2555	Resins Apparent Viscosity
ISO 2896	Water Absorption
ISO 3268	Tensile Properties
ISO 3521	Volumetric Shrinkage
ISO 4585	Short Beam Shear
ISO 527-1	Tensile Properties
ISO 527-4	Tensile Properties
ISO 604	Compressive Properties
ISO 62	Water Absorption
ISO 844	Core Compression
ISO 845	Apparent Density
Mea. - Average ply thickness	Average Ply Thickness
Mea. - Corrosion Barrier	Corrosion Barrier Thickness
Mea. - Panel Measurements	Panel Measurements
Mea. - Panel Thickness	Average Panel Thickness
Misc - Engineering Overview	Engineering Overview Services
Misc - Expediting Fee	
Misc. - Additional Machining	Additional Machining of Samples
Misc. - Additional Material Costs	Costs of Procuring Additional Materials for testing Corrosion liner removed from samples prior to testing
Misc. - CB Removal	
Misc. - Expediting Fee	
Misc. - Panel Conditioning	Environmental conditioning
Misc. - Panel Fabrication	Panel Fabrication
Misc. - Panel Fabrication - Resin Casting	Resin casting
Misc. - Panel Postcure Cycle	Panel Postcure Process
Misc. - Return Materials	Return leftover materials when finished
Misc. - Return Materials (Pickup)	Return leftover materials when finished
Misc. - Return Samples	Return tested samples when finished
Misc. - Return Samples (Pickup)	Return tested samples when finished
Misc. - Water Jet Cutting	Additional machining cost
Misc. - Weekend Surcharge	Weekend Facilities Surcharge
Misc.- Vaccume Test Chamber Manufacturing	Vaccume Test Chamber Manufacturing
Not Testing - ASTM C 109	Compressive Strength of Cement
Not Testing - ASTM D 2290	Hoop Tensile Strength by Split Disk
Not Testing - ASTM D 3410	Compressive Strength / Modulus
Not Testing - ASTM D 5448	Cylinder Inplane Shear
Not Testing - ASTM D 5449	Cylinder Compression
Paccar - ASTM D256	Impact Resistance - Method E, Unnotched

Paccar - ASTM D256 - Method A	Impact Resistance
Paccar - ASTM D2584	Resin Content
Paccar - ASTM D2584 filler	Resin Content w/ Filler
Paccar - ASTM D570	Water Absorption
Paccar - ASTM D638	Tensile Strength / Modulus
Paccar - ASTM D638 - Elongation	Tensile Strength / Modulus - with Elongation
Paccar - ASTM D695	Compressive Strength/Modulus
Paccar - ASTM D732	Through-Plane Shear Strength (Punch Shear)
Paccar - ASTM D790	Flexural Strength / Modulus - 3 Point
Paccar - ASTM D792	Density and Specific Gravity
Reporting - Additional Report Content	Additional Content Reporting [per hour]
Reporting - Extra Copies	Extra Copies of Report
Reporting - PE Certification	Professional Engineering Services [per hour]
Reporting - Photograph of Planned Cuts	Photograph of Planned Cuts from Sample Panels
Reporting - Photograph Samples - After	Photographs of samples after testing
Reporting - Photograph Samples - Before	Photographs of samples before testing
Reporting - Special Report	Non-Standard Report Request
Reporting - Video Recording	Video Recording of Test
Resin Uptake	Resin Uptake Measurement on Bare Foam Core
Reverse Impact Cracking (Freightliner 48-02435)	Reverse Impact Cracking
RTP-1 Acetone Sensitivity	Acetone Sensitivity
RTP-1 Panel Flatness	Panel Flatness
RTP-1 Panel Squareness	RTP Squareness Measurement
RTP-1 Secondary Bonder Qualification (M5-4)	Secondary Bond Qualification
Sacma Compression (SRM 1R-94)	SACMA Compression Test
SAE J1525	Metal to Metal Adhesive Lapshear
SAE J1553	Cross Peel
Screw Torque	Screw Torque
Shore-D	Shore-D Hardness
Viscosity	Viscosity
WUC 3.6 Impact	Cover Drop Impact Test
WUC 3.6 Lateral	10 Cycle Lateral Loading w/ final load cycle
WUC 3.6 Lateral 2	10 Cycle Lateral Loading w/ final load cycle
WUC 3.6 Pullout	Cover Insert Pullout
WUC 3.6 Torque	Cover Insert Torque Test
WUC 3.6 VC	10 Cycle Vertical Center w/ final load cycle
WUC 3.6 VOC	10 Cycle Vertical Off Center w/ final load cycle