



E-3LTi 10800

Fiber Type: E-Glass
 Architecture: 0/90 Biaxial
 Dry Thickness: 0.135 in. / 3.43 mm
 Total Weight: 107.28 oz/sq.yd / 3637 g/sq.m

VECTORFUSION
INFUSION-SPECIFIC REINFORCEMENTS

Roll Specifications			Fiber Architecture Data	
Roll Width: 60 in / 1524 mm	Roll Weight: 228 lb / 104 kg	Roll Length: 20 yd / 18 m	0 ° :	53.52 oz/sq.yd / 1815 g/sq.m
			-45 ° :	n/a
			90 ° :	53.76 oz/sq.yd / 1823 g/sq.m
			45 ° :	n/a
			A-Glass Veil :	n/a

1: Packaging: box or bag.

2: Weights do not include polyester stitching.

Laminated Properties

0 °

0 °

Laminate Weight (lb/sq.ft)	E-3LTi 10800 Resin Infused
Fiber	0.75
Resin	0.44
Total	1.18

In-Plane Stiffness, "EA"	E-3LTi 10800 Resin Infused
10 ³ lb/in	
(EA)x	424
(EA)y	425
(GA)xy	70

Physical Properties	
	E-3LTi 10800 Resin Infused
Density (g/cc)	1.80
Fiber Content (% by Wt.)	63%
Thickness (in)	0.126

Ultimate Stress (KSI)	
	E-3LTi 10800 Resin Infused
Long. Ten.	58
Long. Comp.	49
Trans. Ten.	64
Trans. Comp.	47
In-Plane Shear	8
Long. Flex.	68
Trans. Flex.	68

Notes:

1: Laminate made with poly / vinyl ester resin blend.

Ultimate In-Plane Load lb/in	
	E-3LTi 10800 Resin Infused
Long. Ten.	7,324
Long. Comp.	6,254
Trans. Ten.	8,040
Trans. Comp.	5,938
In-Plane Shear	950

Laminate Moduli (MSI)	
	E-3LTi 10800 Resin Infused
Ex	3.35
Ey	3.36
Gxy	0.55
Ex,flex.	3.18
Ey,flex.	3.19



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Disclaimer:

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VP makes no warranty whatsoever as to the accuracy of any such predicted physical performance, and customer acknowledges that customer is solely responsible for determining the performance and fitness for a particular use of any product produced by customer utilising a fabric or material produced or manufactured by VP. Specifications of reinforcements may change without notice.