



## E-3LTi 10800

Fiber Type: E-Glass  
 Architecture: 0°/90°/0°/90°/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

Roll Width: 60 in / 1524 mm  
 Roll Weight: 228 lb / 104 kg  
 Roll Length: 20 yd / 18 m

### Fiber Architecture Data

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  
 Chopped Mat : 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 <sup>3</sup> lb/in	
(EA)x	424
(EA)y	425
(GA)xy	40

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.	63
Long. Comp.	63
Trans. Ten.	64
Trans. Comp.	64
In-Plane Shear	7
Long. Flex.	80
Trans. Flex.	80

**Notes:**

1: Laminate made with vinyl ester resin 200 cps viscosity @ 77° F.

Ultimate In-Plane Load lb/in	
	E-3LTi 10800 Resin Infused
Long. Ten.	8,023
Long. Comp.	8,023
Trans. Ten.	8,040
Trans. Comp.	8,040
In-Plane Shear	943

Laminate Moduli (MSI)	
	E-3LTi 10800 Resin Infused
Ex	3.35
Ey	3.36
Gxy	0.32
Ex,flex.	3.13
Ey,flex.	3.14



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Disclaimer:

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