



## E-LTi 2500

Fiber Type: E-Glass  
 Architecture: 0°/90° Biaxial  
 Dry Thickness: 0.033 in. / 0.84 mm  
 Total Weight: 24.56 oz/sq.yd / 833 g/sq.m

**VECTORFUSION**  
INFUSION-SPECIFIC REINFORCEMENTS

### Roll Specifications

Roll Width: 60 in / 1524 mm  
 Roll Weight: 220 lb / 100 kg  
 Roll Length: 84 yd / 77 m

### Fiber Architecture Data

0 ° : 17.84 oz/sq.yd / 605 g/sq.m  
 45 ° : n/a  
 90 ° : 6.72 oz/sq.yd / 228 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-LTi 2500 Resin Infused
Fiber	0.17
Resin	0.10
Total	0.27

#### In-Plane Stiffness, "EA"

10 <sup>3</sup> lb/in	E-LTi 2500 Resin Infused
(EA) <sub>x</sub>	118
(EA) <sub>y</sub>	76
(GA) <sub>xy</sub>	9

Physical Properties	
	E-LTi 2500 Resin Infused
Density (g/cc)	1.80
Fiber Content (% by Wt.)	63%
Thickness (in)	0.029

Ultimate Stress (KSI)	
	E-LTi 2500 Resin Infused
Long. Ten.	77
Long. Comp.	77
Trans. Ten.	50
Trans. Comp.	50
In-Plane Shear	7
Long. Flex.	97
Trans. Flex.	62

**Notes:**

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

Ultimate In-Plane Load lb/in	
	E-LTi 2500 Resin Infused
Long. Ten.	2,237
Long. Comp.	2,237
Trans. Ten.	1,437
Trans. Comp.	1,437
In-Plane Shear	216

Laminate Moduli (MSI)	
	E-LTi 2500 Resin Infused
Ex	4.08
Ey	2.62
Gxy	0.32
Ex,flex.	3.81
Ey,flex.	2.45



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Disclaimer:

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