



E-LTi 3600

Fiber Type: E-Glass
 Architecture: 0°/90° Biaxial
 Dry Thickness: 0.049 in. / 1.24 mm
 Total Weight: 35.76 oz/sq.yd / 1212 g/sq.m

VECTORFUSION
INFUSION-SPECIFIC REINFORCEMENTS



Roll Specifications

Roll Width: 60 in / 1524 mm
 Roll Weight: 227 lb / 103 kg
 Roll Length: 60 yd / 55 m

Fiber Architecture Data

0 ° : 17.84 oz/sq.yd / 605 g/sq.m
 45 ° : n/a
 90 ° : 17.92 oz/sq.yd / 608 g/sq.m
 - 45 ° : n/a
 Continuous Filament 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 3600 Resin Infused
Fiber	0.25
Resin	0.15
Total	0.39

In-Plane Stiffness, "EA" 10 ³ lb/in	E-LTi 3600 Resin Infused
(EA) _x	141
(EA) _y	142
(GA) _{xy}	13

Physical Properties	
	E-LTi 3600 Resin Infused
Density (g/cc)	1.80
Fiber Content (% by Wt.)	63%
Thickness (in)	0.042

Ultimate Stress (KSI)	
	E-LTi 3600 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-LTi 3600 Resin Infused
Long. Ten.	2,674
Long. Comp.	2,674
Trans. Ten.	2,680
Trans. Comp.	2,680
In-Plane Shear	314

Laminate Moduli (MSI)	
	E-LTi 3600 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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