



E-2LTi 3600

Fiber Type: E-Glass
 Architecture: 0°/90°/0°/90° Biaxial
 Dry Thickness: 0.059 in. / 1.50 mm
 Total Weight: 36.42 oz/sq.yd / 1235 g/sq.m

VECTORFUSION
INFUSION-SPECIFIC REINFORCEMENTS

Roll Specifications

Roll Width: 60 in / 1524 mm
 Roll Weight: 234 lb / 106 kg
 Roll Length: 60 yd / 55 m

Fiber Architecture Data

0 ° : 18.50 oz/sq.yd / 627 g/sq.m
 45 ° : n/a
 90 ° : 17.92 oz/sq.yd / 608 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-2LTi 3600 Resin Infused
Fiber	0.25
Resin	0.17
Total	0.43

In-Plane Stiffness, "EA"

10 ³ lb/in	E-2LTi 3600 Resin Infused
(EA)x	146
(EA)y	144
(GA)xy	14

Physical Properties	
	E-2LTi 3600 Resin Infused
Density (g/cc)	1.75
Fiber Content (% by Wt.)	59%
Thickness (in)	0.047

Ultimate Stress (KSI)	
	E-2LTi 3600 Resin Infused
Long. Ten.	59
Long. Comp.	59
Trans. Ten.	58
Trans. Comp.	58
In-Plane Shear	7
Long. Flex.	75
Trans. Flex.	73

Notes:

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

Ultimate In-Plane Load lb/in	
	E-2LTi 3600 Resin Infused
Long. Ten.	2,772
Long. Comp.	2,772
Trans. Ten.	2,730
Trans. Comp.	2,730
In-Plane Shear	345

Laminate Moduli (MSI)	
	E-2LTi 3600 Resin Infused
Ex	3.13
Ey	3.09
Gxy	0.29
Ex,flex.	2.93
Ey,flex.	2.88



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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 utilizing a fabric or material produced or manufactured by VP. Specifications of reinforcements may change without notice.