



E-3LTi 5400

Fiber Type: E-Glass
 Architecture: 0°/90°/0°/90°/0°/90° Biaxial
 Dry Thickness: 0.082 in. / 2.08 mm
 Total Weight: 54.63 oz/sq.yd / 1852 g/sq.m

VECTORFUSION™
INFUSION-SPECIFIC REINFORCEMENTS

Roll Specifications

Roll Width: 60 in / 1524 mm
 Roll Weight: 220 lb / 100 kg
 Roll Length: 37 yd / 34 m

Fiber Architecture Data

0 ° : 27.75 oz/sq.yd / 941 g/sq.m
 45 ° : n/a
 90 ° : 26.88 oz/sq.yd / 911 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 5400 Resin Infused
Fiber	0.38
Resin	0.26
Total	0.64

In-Plane Stiffness, "EA"

10 ³ lb/in	E-3LTi 5400 Resin Infused
(EA)x	220
(EA)y	216
(GA)xy	20

Physical Properties	
	E-3LTi 5400 Resin Infused
Density (g/cc)	1.75
Fiber Content (% by Wt.)	59%
Thickness (in)	0.070

Ultimate Stress (KSI)	
	E-3LTi 5400 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-3LTi 5400 Resin Infused
Long. Ten.	4,158
Long. Comp.	4,158
Trans. Ten.	4,095
Trans. Comp.	4,095
In-Plane Shear	517

Laminate Moduli (MSI)	
	E-3LTi 5400 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.