



E-T 2200

Fiber Type: E-Glass
 Architecture: 90 Weft Unidirectional
 Dry Thickness: 0.040 in. / 1.02 mm
 Total Weight: 22.30 oz/sq.yd / 756 g/sq.m

Roll Specifications			Fiber Architecture Data	
Roll Width:	Roll Weight:	Roll Length:	0 ° :	n/a
50 in / 1270 mm	217 lb / 99 kg	112 yd / 102 m	45 ° :	n/a
			90 ° :	22.30 oz/sq.yd / 756 g/sq.m
			-45 ° :	n/a
			Chopped Mat :	n/a

1: Packaging: box or bag.

2: Weights do not include polyester stitching.

Laminated Properties

90 °

90 °

Laminate Weight

(lb/sq.ft)	E-T 2200 Resin Infused	E-T 2200 Open Mold
Fiber	0.15	0.15
Resin	0.07	0.13
Total	0.22	0.28

Physical Properties

	E-T 2200 Resin Infused	E-T 2200 Open Mold
Density (g/cc)	1.90	1.69
Fiber Content (% by Wt.)	70%	55%
Thickness (in)	0.022	0.032

Laminate Modulii		
(MSI)	E-T 2200 Resin Infused	E-T 2200 Open Mold
Ex	5.70	4.17
Ey	2.08	1.45
Gxy	0.66	0.47
Ex,flex.	5.42	3.96
Ey,flex.	1.98	1.37

Ultimate Stress		
(KSI)	E-T 2200 Resin Infused	E-T 2200 Open Mold
Long. Ten.	108	79
Long. Comp.	108	79
Trans. Ten.	21	14
Trans. Comp.	21	14
In-Plane Shear	13	9
Long. Flex.	129	94
Trans. Flex.	20	14

In-Plane Stiffness, "EA"		
10 ³ lb/in	E-T 2200 Resin Infused	E-T 2200 Open Mold
(EA)x	127	133
(EA)y	47	46
(GA)xy	15	15

Ultimate In-Plane Load		
lb/in	E-T 2200 Resin Infused	E-T 2200 Open Mold
Long. Ten.	2,413	2,527
Long. Comp.	2,413	2,527
Trans. Ten.	466	463
Trans. Comp.	466	463
In-Plane Shear	294	301

Notes:

- 1: Resin infused laminate made with a poly / vinyl ester resin blend.
- 2: Open mold laminate made with poly / vinyl ester resin blend.
- 3: All standard reinforcements should be infused with a flow aid or Vectorfusion® reinforcements.



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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.