



## E-TLX 2200

Fiber Type: E-Glass  
 Architecture: 0°/+45°/-45° Triaxial  
 Dry Thickness: 0.031 in. / 0.787 mm  
 Total Weight: 23.55 oz/sq.yd / 798.5 g/sq.m

**VECTORSPORTS™**

Roll Specifications			Fiber Architecture Data	
Roll Width:	Roll Weight:	Roll Length:	0 ° :	12.80 oz/sq.yd / 434.0 g/sq.m
50 in / 1270 mm	220 lb / 100 kg	106 yd / 97 m	45 ° :	5.38 oz/sq.yd / 182 g/sq.m
			90 ° :	n/a
			- 45 ° :	5.38 oz/sq.yd / 182 g/sq.m
			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-TLX 2200 Resin Infused	E-TLX 2200 Open Mold
Fiber	0.16	0.16
Resin	0.07	0.13
Total	0.23	0.30

### Physical Properties

	E-TLX 2200 Resin Infused	E-TLX 2200 Open Mold
Density (g/cc)	1.90	1.69
Fiber Content (% by Wt.)	70%	55%
Thickness (in)	0.024	0.034

Laminate Moduli		
(MSI)	E-TLX 2200 Resin Infused	E-TLX 2200 Open Mold
Ex	3.88	2.81
Ey	1.90	1.36
Gxy	1.02	0.73
Ex,flex.	3.31	2.38
Ey,flex.	1.62	1.15

Ultimate Stress		
(KSI)	E-TLX 2200 Resin Infused	E-TLX 2200 Open Mold
Long. Ten.	73	53
Long. Comp.	73	53
Trans. Ten.	19	14
Trans. Comp.	19	14
In-Plane Shear	29	21
Long. Flex.	92	67
Trans. Flex.	19	14

In-Plane Stiffness, "EA"		
10 <sup>3</sup> lb/in	E-TLX 2200 Resin Infused	E-TLX 2200 Open Mold
(EA)x	92	95
(EA)y	45	46
(GA)xy	24	25

Ultimate In-Plane Load		
lb/in	E-TLX 2200 Resin Infused	E-TLX 2200 Open Mold
Long. Ten.	1,740	1,800
Long. Comp.	1,740	1,800
Trans. Ten.	449	458
Trans. Comp.	449	458
In-Plane Shear	689	701

**Notes:**

- 1: Resin infused laminate made with vinyl ester resin 200 cps viscosity @ 77° F.
- 2: Open mold laminate made with polyester resin.
- 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 utilising a fabric or material produced or manufactured by VP. Specifications of reinforcements may change without notice.