



E-TLX 2200

Fiber Type: E-Glass
 Architecture: 0°/+45°/-45° Triaxial
 Dry Thickness: 0.031 in. / 0.80 mm
 Total Weight: 23.55 oz/sq.yd / 799 g/sq.m

VECTORSports™



Roll Specifications

Roll Width: 50 in / 1270 mm
 Roll Weight: 220 lb / 100 kg
 Roll Length: 106 yd / 97 m

Fiber Architecture Data

0 ° : 12.80 oz/sq.yd / 434 g/sq.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 ³ 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:

As a service to customers, Vectorply Corporation ("VP") may provide computer-generated predictions of the physical performance of a product using a reinforcement fabric produced by VP in combination with other materials or systems.

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.