



E-TLX 1900

Fiber Type: E-Glass
 Architecture: 0°/+45°/-45° Triaxial
 Dry Thickness: 0.026 in. / 0.67 mm
 Total Weight: 19.71 oz/sq.yd / 668 g/sq.m

VECTORSPORTS™



Roll Specifications

Roll Width: 50 in / 1270 mm
 Roll Weight: 220 lb / 100 kg
 Roll Length: 126 yd / 115 m

Fiber Architecture Data

0 ° : 8.96 oz/sq.yd / 304 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 1900 Resin Infused	E-TLX 1900 Open Mold
Fiber	0.14	0.14
Resin	0.06	0.11
Total	0.20	0.25

Physical Properties

	E-TLX 1900 Resin Infused	E-TLX 1900 Open Mold
Density (g/cc)	1.90	1.69
Fiber Content (% by Wt.)	70%	55%
Thickness (in)	0.020	0.028

Laminate Moduli		
(MSI)	E-TLX 1900 Resin Infused	E-TLX 1900 Open Mold
Ex	3.51	2.53
Ey	1.90	1.36
Gxy	1.13	0.81
Ex,flex.	2.91	2.07
Ey,flex.	1.58	1.11

Ultimate Stress		
(KSI)	E-TLX 1900 Resin Infused	E-TLX 1900 Open Mold
Long. Ten.	66	48
Long. Comp.	66	48
Trans. Ten.	19	14
Trans. Comp.	19	14
In-Plane Shear	32	23
Long. Flex.	84	60
Trans. Flex.	19	14

In-Plane Stiffness, "EA"		
10 ³ lb/in	E-TLX 1900 Resin Infused	E-TLX 1900 Open Mold
(EA)x	70	72
(EA)y	38	38
(GA)xy	22	23

Ultimate In-Plane Load		
lb/in	E-TLX 1900 Resin Infused	E-TLX 1900 Open Mold
Long. Ten.	1,318	1,358
Long. Comp.	1,318	1,358
Trans. Ten.	377	384
Trans. Comp.	377	384
In-Plane Shear	636	650

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.



3500 Lakewood Dr. Phenix City, AL 36867 tel. 334 291 7704 fax. 334 291 7743

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.