



E-LT 2400-P

Fiber Type: E-Glass
 Architecture: 0/90 Biaxial
 Dry Thickness: 0.027 in. / 0.69 mm
 Total Weight: 23.74 oz/sq.yd / 805 g/sq.m



Roll Specifications

Roll Width: 50 in / 1270 mm
 Roll Weight: 180 lb / 82 kg
 Roll Length: 85 yd / 78 m

Fiber Architecture Data

0 ° : 12.22 oz/sq.yd / 414 g/sq.m
 45 ° : n/a
 90 ° : 11.52 oz/sq.yd / 391 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-LT 2400-P Resin Infused	E-LT 2400-P Open Mold
Fiber	0.16	0.16
Resin	0.07	0.13
Total	0.24	0.30

Physical Properties

	E-LT 2400-P Resin Infused	E-LT 2400-P Open Mold
Density (g/cc)	1.90	1.69
Fiber Content (% by Wt.)	70%	55%
Thickness (in)	0.024	0.034

Laminate Modulii		
(MSI)	E-LT 2400-P Resin Infused	E-LT 2400-P Open Mold
Ex	3.96	2.86
Ey	3.86	2.78
Gxy	0.66	0.47
Ex,flex.	3.77	2.72
Ey,flex.	3.66	2.64

Ultimate Stress		
(KSI)	E-LT 2400-P Resin Infused	E-LT 2400-P Open Mold
Long. Ten.	75	54
Long. Comp.	75	54
Trans. Ten.	73	53
Trans. Comp.	73	53
In-Plane Shear	13	9
Long. Flex.	90	65
Trans. Flex.	87	63

In-Plane Stiffness, "EA"		
10 ³ lb/in	E-LT 2400-P Resin Infused	E-LT 2400-P Open Mold
(EA)x	94	98
(EA)y	92	95
(GA)xy	16	16

Ultimate In-Plane Load		
lb/in	E-LT 2400-P Resin Infused	E-LT 2400-P Open Mold
Long. Ten.	1,786	1,848
Long. Comp.	1,786	1,848
Trans. Ten.	1,738	1,796
Trans. Comp.	1,738	1,796
In-Plane Shear	313	320

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:

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 utilising a fabric or material produced or manufactured by VP. Specifications of reinforcements may change without notice.