



E-LTM 2408

Fiber Type: E-Glass
 Architecture: 0°/90° Biaxial
 Dry Thickness: 0.040 in. / 1.02 mm
 Total Weight: 31.84 oz/sq.yd / 1080 g/sq.m



Roll Specifications

Roll Width: 50 in / 1270 mm
 Roll Weight: 198 lb / 90 kg
 Roll Length: 70 yd / 64 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 : 8.10 oz/sq.yd / 275 g/sq.m

1: Packaging: box or bag.

2: Weights do not include polyester stitching.

Laminated Properties

0 °

0 °

Laminate Weight (lb/sq.ft)		
	E-LTM 2408 Resin Infused	E-LTM 2408 Open Mold
Fiber	0.22	0.22
Resin	0.12	0.23
Total	0.34	0.45

Physical Properties

	E-LTM 2408 Resin Infused	E-LTM 2408 Open Mold
Density (g/cc)	1.84	1.61
Fiber Content (% by Wt.)	66%	49%
Thickness (in)	0.035	0.054

Laminate Moduli		
(MSI)	E-LTM 2408 Resin Infused	E-LTM 2408 Open Mold
Ex	3.25	2.20
Ey	3.19	2.15
Gxy	0.48	0.31
Ex,flex.	2.99	2.02
Ey,flex.	2.93	1.97

Ultimate Stress		
(KSI)	E-LTM 2408 Resin Infused	E-LTM 2408 Open Mold
Long. Ten.	53	36
Long. Comp.	62	42
Trans. Ten.	52	35
Trans. Comp.	60	41
In-Plane Shear	12	10
Long. Flex.	77	52
Trans. Flex.	76	51

In-Plane Stiffness, "EA"		
10 ³ lb/in	E-LTM 2408 Resin Infused	E-LTM 2408 Open Mold
(EA)x	115	119
(EA)y	112	116
(GA)xy	17	17

Ultimate In-Plane Load		
lb/in	E-LTM 2408 Resin Infused	E-LTM 2408 Open Mold
Long. Ten.	1,879	1,952
Long. Comp.	2,169	2,254
Trans. Ten.	1,842	1,909
Trans. Comp.	2,126	2,204
In-Plane Shear	420	556

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.