



# E-LR 1208

Fiber Type: E-Glass  
 Architecture: 0° Unidirectional  
 Dry Thickness: 0.019 in. / 0.48 mm  
 Total Weight: 12.85 oz/sq.yd / 436 g/sq.m

**VECTORSports™**



Roll Specifications			Fiber Architecture Data	
Roll Width:	Roll Weight:	Roll Length:	0 ° :	11.95 oz/sq.yd / 405 g/sq.m
50 in / 1270 mm	152 lb / 69 kg	131 yd / 120 m	45 ° :	n/a
			90 ° :	n/a
			- 45 ° :	n/a
			Polyester Veil:	0.90 oz/sq.yd / 31 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-LR 1208 Resin Infused	E-LR 1208 Open Mold
Fiber	0.09	0.09
Resin	0.04	0.08
Total	0.13	0.17

Physical Properties		
	E-LR 1208 Resin Infused	E-LR 1208 Open Mold
Density (g/cc)	1.84	1.62
Fiber Content (% by Wt.)	69%	52%
Thickness (in)	0.013	0.020

Laminate Moduli		
(MSI)	E-LR 1208 Resin Infused	E-LR 1208 Open Mold
Ex	5.13	3.58
Ey	1.65	1.12
Gxy	0.49	0.31
Ex,flex.	4.78	3.33
Ey,flex.	1.53	1.04

Ultimate Stress		
(KSI)	E-LR 1208 Resin Infused	E-LR 1208 Open Mold
Long. Ten.	97	68
Long. Comp.	97	68
Trans. Ten.	33	22
Trans. Comp.	33	22
In-Plane Shear	15	9
Long. Flex.	103	72
Trans. Flex.	33	22

In-Plane Stiffness, "EA"		
10 <sup>3</sup> lb/in	E-LR 1208 Resin Infused	E-LR 1208 Open Mold
(EA)x	69	73
(EA)y	22	23
(GA)xy	7	6

Ultimate In-Plane Load		
lb/in	E-LR 1208 Resin Infused	E-LR 1208 Open Mold
Long. Ten.	1,305	1,386
Long. Comp.	1,305	1,386
Trans. Ten.	443	457
Trans. Comp.	443	457
In-Plane Shear	196	188

**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.