



## KE-BXM 1208

Fiber Type: Aramid / E-Glass  
 Architecture: 45/-45 Double Bias  
 Dry Thickness: 0.024 in. / 0.61 mm  
 Total Weight: 20.18 oz/sq.yd / 684 g/sq.m

**VECTORULTRA™**

### Roll Specifications

Roll Width: 50 in / 1270 mm  
 Roll Weight: 185 lb / 84 kg  
 Roll Length: 122 yd / 112 m

### Fiber Architecture Data

0 ° : n/a  
 45 ° : 6.04 oz/sq.yd / 205 g/sq.m  
 90 ° : n/a  
 -45 ° : 6.04 oz/sq.yd / 205 g/sq.m  
 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

45 °

45 °

#### Laminate Weight

(lb/sq.ft)

KE-BXM 1208  
Resin Infused

KE-BXM 1208  
Open Mold

Fiber

0.14

0.14

Resin

0.07

0.20

Total

0.21

0.34

#### Physical Properties

KE-BXM 1208  
Resin Infused

KE-BXM 1208  
Open Mold

Density (g/cc)

1.77

1.50

Fiber Content (% by Wt.)

67%

41%

Thickness (in)

0.023

0.044

Laminate Modulii		
(MSI)	KE-BXM 1208 Resin Infused	KE-BXM 1208 Open Mold
Ex	3.64	2.15
Ey	3.64	2.15
Gxy	0.63	0.41
Ex,flex.	3.46	2.04
Ey,flex.	3.46	2.04

Ultimate Stress		
(KSI)	KE-BXM 1208 Resin Infused	KE-BXM 1208 Open Mold
Long. Ten.	57	34
Long. Comp.	43	25
Trans. Ten.	57	34
Trans. Comp.	43	25
In-Plane Shear	14	9
Long. Flex.	67	39
Trans. Flex.	67	39

In-Plane Stiffness, "EA"		
10 <sup>3</sup> lb/in	KE-BXM 1208 Resin Infused	KE-BXM 1208 Open Mold
(EA)x	83	94
(EA)y	83	94
(GA)xy	14	18

Ultimate In-Plane Load		
lb/in	KE-BXM 1208 Resin Infused	KE-BXM 1208 Open Mold
Long. Ten.	1,302	1,476
Long. Comp.	977	1,107
Trans. Ten.	1,302	1,476
Trans. Comp.	977	1,107
In-Plane Shear	327	412

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