



KE-WM 2608

Fiber Type: Aramid/E-Glass
 Architecture: Woven
 Dry Thickness: 0.054 in. / 1.37 mm
 Total Weight: 34.50 oz/sq.yd / 1170 g/sq.m

VECTORULTRA™

Roll Specifications			Fiber Architecture Data	
Roll Width:	Roll Weight:	Roll Length:	0 ° :	12.20 oz/sq.yd / 414 g/sq.m
50 in / 1270 mm	211 lb / 96 kg	68 yd / 62 m	45 ° :	n/a
			90 ° :	14.20 oz/sq.yd / 481 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)	KE-WM 2608 Resin Infused	KE-WM 2608 Open Mold
Fiber	0.24	0.24
Resin	0.23	0.35
Total	0.47	0.59

Physical Properties

	KE-WM 2608 Resin Infused	KE-WM 2608 Open Mold
Density (g/cc)	1.53	1.46
Fiber Content (% by Wt.)	50%	41%
Thickness (in)	0.059	0.078

Laminate Moduli		
(MSI)	KE-WM 2608 Resin Infused	KE-WM 2608 Open Mold
Ex	2.56	2.07
Ey	2.68	2.17
Gxy	0.32	0.27
Ex,flex.	2.37	1.92
Ey,flex.	2.48	2.00

Ultimate Stress		
(KSI)	KE-WM 2608 Resin Infused	KE-WM 2608 Open Mold
Long. Ten.	40	32
Long. Comp.	8	6
Trans. Ten.	34	27
Trans. Comp.	8	7
In-Plane Shear	8	9
Long. Flex.	35	29
Trans. Flex.	29	23

In-Plane Stiffness, "EA"		
10 ³ lb/in	KE-WM 2608 Resin Infused	KE-WM 2608 Open Mold
(EA)x	152	161
(EA)y	159	168
(GA)xy	19	21

Ultimate In-Plane Load		
lb/in	KE-WM 2608 Resin Infused	KE-WM 2608 Open Mold
Long. Ten.	2,378	2,518
Long. Comp.	476	504
Trans. Ten.	2,001	2,117
Trans. Comp.	498	526
In-Plane Shear	475	688

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.