



E-BXCFM 1710

Fiber Type: E-Glass
 Architecture: 45/-45 Double Bias
 Dry Thickness: 0.060 in. / 1.52 mm
 Total Weight: 26.92 oz/sq.yd / 913 g/sq.m

VECTORFUSION[™]
 INFUSION-SPECIFIC REINFORCEMENTS

Roll Specifications			Fiber Architecture Data	
Roll Width:	Roll Weight:	Roll Length:	0 ° :	n/a
50 in / 1270 mm	141 lb / 64 kg	60 yd / 55 m	45 ° :	8.96 oz/sq.yd / 304 g/sq.m
			90 ° :	n/a
			-45 ° :	8.96 oz/sq.yd / 304 g/sq.m
			Continuous Filament Mat :	9.00 oz/sq.yd / 305 g/sq.m

1: Packaging: box or bag.

2: Weights do not include polyester stitching.

Laminated Properties

45 °

45 °

Laminate Weight (lb/sq.ft)	E-BXCFM 1710 Resin Infused
Fiber	0.19
Resin	0.19
Total	0.37

In-Plane Stiffness, "EA" 10 ³ lb/in	E-BXCFM 1710 Resin Infused
(EA)x	98
(EA)y	98
(GA)xy	22

Physical Properties	
	E-BXCFM 1710 Resin Infused
Density (g/cc)	1.63
Fiber Content (% by Wt.)	50%
Thickness (in)	0.044

Ultimate Stress	
(KSI)	E-BXCFM 1710 Resin Infused
Long. Ten.	36
Long. Comp.	42
Trans. Ten.	36
Trans. Comp.	42
In-Plane Shear	10
Long. Flex.	50
Trans. Flex.	50

Notes:

1: Laminate made with poly / vinyl ester resin blend.

Ultimate In-Plane Load	
lb/in	E-BXCFM 1710 Resin Infused
Long. Ten.	1,604
Long. Comp.	1,852
Trans. Ten.	1,604
Trans. Comp.	1,852
In-Plane Shear	445

Laminate Moduli	
(MSI)	E-BXCFM 1710 Resin Infused
Ex	2.22
Ey	2.22
Gxy	0.51
Ex,flex.	2.11
Ey,flex.	2.11



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Disclaimer:

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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.