



E-BXCFM 1710

Fiber Type: E-Glass
 Architecture: +45°/-45° Double Bias
 Dry Thickness: 0.060 in. / 1.524 mm
 Total Weight: 26.92 oz/sq.yd / 912.7 g/sq.m

VECTORFUSION™
INFUSION-SPECIFIC REINFORCEMENTS

Roll Specifications			Fiber Architecture Data	
Roll Width: 50 in / 1270 mm	Roll Weight: 141 lb / 64 kg	Roll Length: 60 yd / 55 m	0 ° : n/a	
			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 / 305.2 g/sq.m	

1: Packaging: box or bag.
 2: Weights do not include polyester stitching.

Laminated Properties

45 °

Laminate Weight (lb/sq.ft)	E-BXCFM 1710 Resin Infused
Fiber	0.19
Resin	0.20
Total	0.39

45 °

In-Plane Stiffness, "EA"	E-BXCFM 1710 Resin Infused
10 ³ lb/in	
(EA) _x	87
(EA) _y	87
(GA) _{xy}	14

Physical Properties	
	E-BXCFM 1710 Resin Infused
Density (g/cc)	1.60
Fiber Content (% by Wt.)	48%
Thickness (in)	0.047

Ultimate Stress (KSI)	
	E-BXCFM 1710 Resin Infused
Long. Ten.	30
Long. Comp.	42
Trans. Ten.	30
Trans. Comp.	42
In-Plane Shear	10
Long. Flex.	46
Trans. Flex.	46

Notes:

1: Laminate made with vinyl ester resin 200 cps viscosity @ 77° F.

Ultimate In-Plane Load lb/in	
	E-BXCFM 1710 Resin Infused
Long. Ten.	1,427
Long. Comp.	1,984
Trans. Ten.	1,427
Trans. Comp.	1,984
In-Plane Shear	447

Laminate Moduli (MSI)	
	E-BXCFM 1710 Resin Infused
Ex	1.86
Ey	1.86
Gxy	0.29
Ex,flex.	1.72
Ey,flex.	1.72



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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.