



## 62B VPLY

Fiber Type: E-Glass  
 Architecture: 45/-45 Double Bias  
 Dry Thickness: 0.026 in. / 0.66 mm  
 Total Weight: 18.14 oz/sq.yd / 615 g/sq.m

## VECTOR *WIND*

Roll Specifications			Fiber Architecture Data	
Roll Width:	Roll Weight:	Roll Length:	0 ° :	n/a
50 in / 1270 mm	196 lb / 89 kg	125 yd / 114 m	45 ° :	9.07 oz/sq.yd / 308 g/sq.m
			90 ° :	n/a
			-45 ° :	9.07 oz/sq.yd / 308 g/sq.m
			Chopped Mat :	n/a

1: Packaging: box or bag.

2: Weights do not include polyester stitching.

### Laminated Properties

45 °

45 °

Laminate Weight		
(lb/sq.ft)	62B VPLY Resin Infused	62B VPLY Open Mold
Fiber	0.13	0.13
Resin	0.05	0.10
Total	0.18	0.23

Physical Properties		
	62B VPLY Resin Infused	62B VPLY Open Mold
Density (g/cc)	1.90	1.69
Fiber Content (% by Wt.)	70%	55%
Thickness (in)	0.018	0.026

Laminate Modulii		
(MSI)	62B VPLY Resin Infused	62B VPLY Open Mold
Ex	3.91	2.82
Ey	3.91	2.82
Gxy	0.93	0.64
Ex,flex.	3.71	2.68
Ey,flex.	3.71	2.68

Ultimate Stress		
(KSI)	62B VPLY Resin Infused	62B VPLY Open Mold
Long. Ten.	74	53
Long. Comp.	74	53
Trans. Ten.	74	53
Trans. Comp.	74	53
In-Plane Shear	19	13
Long. Flex.	88	64
Trans. Flex.	88	64

In-Plane Stiffness, "EA"		
10 <sup>3</sup> lb/in	62B VPLY Resin Infused	62B VPLY Open Mold
(EA)x	71	74
(EA)y	71	74
(GA)xy	17	17

Ultimate In-Plane Load		
lb/in	62B VPLY Resin Infused	62B VPLY Open Mold
Long. Ten.	1,346	1,392
Long. Comp.	1,346	1,392
Trans. Ten.	1,346	1,392
Trans. Comp.	1,346	1,392
In-Plane Shear	340	332

**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:

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