



## E-TLY 3600

Fiber Type: E-Glass  
 Architecture: 0/60/-60 Warp Triaxial  
 Dry Thickness: 0.046 in. / 1.17 mm  
 Total Weight: 36.44 oz/sq.yd / 1236 g/sq.m

Roll Specifications			Fiber Architecture Data	
Roll Width: 50 in / 1270 mm	Roll Weight: 194 lb / 88 kg	Roll Length: 60 yd / 55 m	0 ° :	12.80 oz/sq.yd / 434 g/sq.m
			60 ° :	11.82 oz/sq.yd / 401 g/sq.m
			90 ° :	n/a
			-60 ° :	11.82 oz/sq.yd / 401 g/sq.m
			Chopped Mat :	n/a

1: Packaging: box or bag.

2: Weights do not include polyester stitching.

### Laminated Properties

0 °

0 °

Laminated Properties		
Laminate Weight (lb/sq.ft)	E-TLY 3600 Resin Infused	E-TLY 3600 Open Mold
Fiber	0.25	0.25
Resin	0.11	0.21
Total	0.36	0.46

  

Physical Properties		
	E-TLY 3600 Resin Infused	E-TLY 3600 Open Mold
Density (g/cc)	1.90	1.69
Fiber Content (% by Wt.)	70%	55%
Thickness (in)	0.037	0.052

Laminate Modulii		
(MSI)	E-TLY 3600 Resin Infused	E-TLY 3600 Open Mold
Ex	3.19	2.30
Ey	3.10	2.23
Gxy	1.18	0.85
Ex,flex.	3.03	2.18
Ey,flex.	2.94	2.12

Ultimate Stress		
(KSI)	E-TLY 3600 Resin Infused	E-TLY 3600 Open Mold
Long. Ten.	60	44
Long. Comp.	60	44
Trans. Ten.	31	22
Trans. Comp.	31	22
In-Plane Shear	26	19
Long. Flex.	72	52
Trans. Flex.	29	21

In-Plane Stiffness, "EA"		
10 <sup>3</sup> lb/in	E-TLY 3600 Resin Infused	E-TLY 3600 Open Mold
(EA)x	116	120
(EA)y	113	117
(GA)xy	43	44

Ultimate In-Plane Load		
lb/in	E-TLY 3600 Resin Infused	E-TLY 3600 Open Mold
Long. Ten.	2,205	2,277
Long. Comp.	2,205	2,277
Trans. Ten.	1,132	1,167
Trans. Comp.	1,132	1,167
In-Plane Shear	942	969

**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.



3500 Lakewood Dr. Phenix City, AL 36867 tel. 334 291 7704 fax. 334 291 7743

REV: 5/3/2011

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.