



C-LA 0912

Fiber Type: Carbon
 Architecture: 0° Unidirectional
 Dry Thickness: 0.020 in. / 0.508 mm
 Total Weight: 10.27 oz/sq.yd / 348.2 g/sq.m

VECTORULTRA[™]

Roll Specifications

Roll Width: 50 in / 1270 mm
 Roll Weight: 108 lb / 49 kg
 Roll Length: 115 yd / 105 m

Fiber Architecture Data

0° : 9.07 oz/sq.yd / 307.5 g/sq.m
 45° : n/a
 90° : n/a
 - 45° : n/a
 A-Glass Veil : 1.20 oz/sq.yd / 40.7 g/sq.m

1: Packaging: box or bag.

2: Weights do not include polyester stitching.

Laminated Properties

0°

0°

Laminate Weight

(lb/sq.ft)	C-LA 0912 Resin Infused	C-LA 0912 Open Mold
Fiber	0.07	0.07
Resin	0.04	0.09
Total	0.11	0.16

Physical Properties

	C-LA 0912 Resin Infused	C-LA 0912 Open Mold
Density (g/cc)	1.56	1.43
Fiber Content (% by Wt.)	65%	45%
Thickness (in)	0.014	0.021

Laminate Moduli		
(MSI)	C-LA 0912 Resin Infused	C-LA 0912 Open Mold
Ex	13.96	9.09
Ey	0.84	0.75
Gxy	0.43	0.29
Ex,flex.	13.18	8.57
Ey,flex.	0.79	0.71

Ultimate Stress		
(KSI)	C-LA 0912 Resin Infused	C-LA 0912 Open Mold
Long. Ten.	142	92
Long. Comp.	119	77
Trans. Ten.	15	14
Trans. Comp.	20	18
In-Plane Shear	12	8
Long. Flex.	119	77
Trans. Flex.	24	25

In-Plane Stiffness, "EA"		
10 ³ lb/in	C-LA 0912 Resin Infused	C-LA 0912 Open Mold
(EA)x	188	193
(EA)y	11	16
(GA)xy	6	6

Ultimate In-Plane Load		
lb/in	C-LA 0912 Resin Infused	C-LA 0912 Open Mold
Long. Ten.	1,912	1,959
Long. Comp.	1,605	1,644
Trans. Ten.	209	294
Trans. Comp.	274	386
In-Plane Shear	162	168

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.



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

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.