



C-LT 2200

Fiber Type: Carbon
 Architecture: 0°/90° Biaxial
 Dry Thickness: 0.040 in. / 1.02 mm
 Total Weight: 22.30 oz/sq.yd / 756 g/sq.m

VECTORULTRA™

Roll Specifications			Fiber Architecture Data	
Roll Width:	Roll Weight:	Roll Length:	0 ° :	11.15 oz/sq.yd / 378 g/sq.m
50 in / 1270 mm	113 lb / 51 kg	58 yd / 53 m	45 ° :	n/a
			90 ° :	11.15 oz/sq.yd / 378 g/sq.m
			- 45 ° :	n/a
			Chopped Mat :	n/a

1: Packaging: box or bag.

2: Weights do not include polyester stitching.

Laminated Properties

0 °

0 °

Laminate Weight (lb/sq.ft)	C-LT 2200 Resin Infused	C-LT 2200 Open Mold
Fiber	0.15	0.15
Resin	0.08	0.19
Total	0.24	0.34

Physical Properties

	C-LT 2200 Resin Infused	C-LT 2200 Open Mold
Density (g/cc)	1.53	1.41
Fiber Content (% by Wt.)	65%	45%
Thickness (in)	0.030	0.047

Laminate Moduli		
(MSI)	C-LT 2200 Resin Infused	C-LT 2200 Open Mold
Ex	9.10	6.06
Ey	9.10	6.06
Gxy	0.37	0.25
Ex,flex.	8.65	5.75
Ey,flex.	8.65	5.75

Ultimate Stress		
(KSI)	C-LT 2200 Resin Infused	C-LT 2200 Open Mold
Long. Ten.	100	67
Long. Comp.	71	47
Trans. Ten.	100	67
Trans. Comp.	71	47
In-Plane Shear	7	5
Long. Flex.	67	44
Trans. Flex.	67	44

In-Plane Stiffness, "EA"		
10 ³ lb/in	C-LT 2200 Resin Infused	C-LT 2200 Open Mold
(EA)x	273	284
(EA)y	273	284
(GA)xy	11	12

Ultimate In-Plane Load		
lb/in	C-LT 2200 Resin Infused	C-LT 2200 Open Mold
Long. Ten.	3,011	3,131
Long. Comp.	2,136	2,221
Trans. Ten.	3,011	3,131
Trans. Comp.	2,136	2,221
In-Plane Shear	224	231

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.



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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.