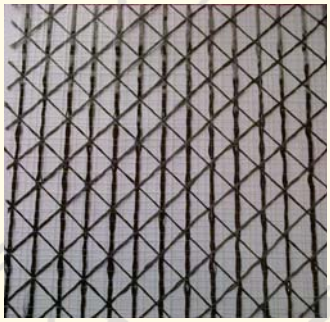
DE-COMP COMPOSITES, INC.

D129

General Description-

ESF technology uses high tenacity yarns to create innovative, cost effective materials that offer superior structural reinforcement with minimized bulk and weight. Through a proprietary process, scrims are created with reinforcing yarns off the 0-90 degree axis, to reinforce unique off-angle load requirements. The variation in geometry allows construction of scrims that not only increase durability and off-load line strength in the finished goods, but also differentiate them visually if desired.



Properties
-High tenacity specialty yarns
-Customized off-angle geometry
-Unique visual impact

Technical characteristics

Property	
MD Yarn:	3k Carbon fiber toe
CD Yarn:	1000d Technora T240B Black
Pattern:	1 yarn per inch at 45 degrees (Technora) 1 tow per inch carbon fiber warps
Angle of the CD:	45 degrees from the cross direction
Areal Weight:	40 gsm
Other:	Thermoplastic coating on carrier scrim
Carrier Scrim:	Two layers 3 x 2

Page Created: 12/18/2013 **Section**: Fiber Glass

1519 Eastgate DR• Cleveland, Oklahoma 74020 • Phone: 918.358.5881 • Fax: 918.358.3750
E-Mail: email@decomp.com • Web Site: www.decomp.com
Toll Free: 877.609.5088