

# DE-COMP COMPOSITES, INC.

## D138

### General Description-

Laid scrim is a cost-effective reinforcing fabric made by chemically bonding continuous filament yarn in an open mesh construction. It is commonly used to increase tear or puncture resistance, improve dimensional stability, or aid in processing. The utility of scrims can be further enhanced by the use of functional binders for increased chemical, heat or moisture resistance, for proper chemical compatibility with the construction they are reinforcing, or for providing the adhesive properties needed for laminations. ESF Technology products add an off angle and warp component to these characteristics

### Properties

-Excellent dimensional stability

-Variable tensile strength

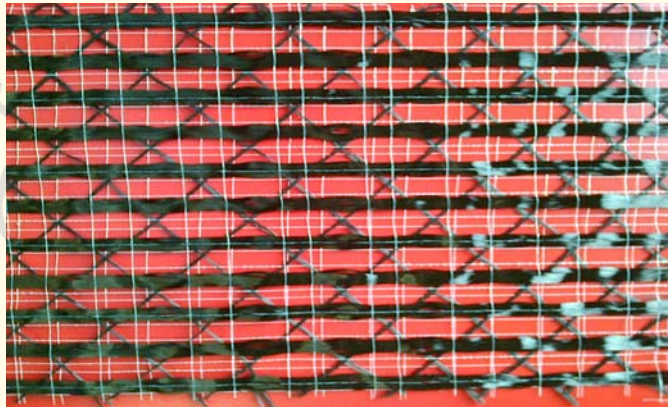
-Increased tear resistance

-Off angle , multiple angle reinforcement

-Additional warp yarns available

-Multiple yarn types and combinations available

-Custom designed and made to order



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### Technical characteristics

Property	
Carrier Scrim:	2 layers of 4 x 4 70d Polyester
Fill (angled) Yarn:	Multiple high tensile yarn types are available
Patterns available:	Off angle, 45 degrees with 1 yarn / 1 inch Technora aramid and 12k Carbon fiber warps
Tensile:	Based on yarn type used
Weight:	86 GMS/M2 (this sample)
Coating:	Thermoplastic
Substrate:	Laminates readily
Width:	58"

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