

# DE-COMP COMPOSITES, INC.

## D158

### 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

### Technical characteristics

Property	
Carrier scrim:	2 layers of 3x2 70d Polyester
Fill (angled) Yarn:	3k 34-700 Carbon fiber – However Multiple high tensile yarn types are available
Pattern:	.6 pic 30 degree off angle with 34-700 - 3k Carbon fiber
Tensile:	Based on yarn type used
Weight:	29.4 GMS/M2 (this sample)
Coating:	Thermoplastic
Substrate:	2 x 3210 carrier scrim
Width:	58"

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