

Hexcel® HexForce™ 1168 Hybrid Composite Fabric

Category : Other Engineering Material , Composite Fibers

Material Notes:

Hexcel features custom fabric design and manufacturing. We tailor our customers' reinforcement fabrics for optimum performance. We are able to combine two or more different fibers (carbon, glass, aramid, ceramics, Thorstrand™), to use different weaving solutions, produce preforms, etc. Information provided by Hexcel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexForce-1168-Hybrid-Composite-Fabric.php

Physical Properties	Metric	English	Comments
Thickness	310 microns	12.2 mil	
Fiber Count	2400 dtex	2160 denier	Kevlar® 49 Warp Yarn
	2400 dtex	2160 denier	Kevlar® 49 Fill Yarn

Mechanical Properties	Metric	English	Comments
Tensile Modulus	228 GPa	33000 ksi	3K Carbon Warp Yarn
	228 GPa	33000 ksi	3K Carbon Fill Yarn

Descriptive Properties	Value	Comments
Fabric Weight (oz/yd ²)	7.4	Dry
Nominal Construction (count/in)	7.25	Warp
	7.25	Fill
Weave Style	2/2 Twill	

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