

Hexcel® HexForce™ 1543 Fiber Glass Fabric

Category : Ceramic , Glass , Glass Fiber , Other Engineering Material , Composite Fibers

Material Notes:

Fiber glass in fabric form offers an excellent combination of properties from high strength to fire resistance. Wide ranges of yarn sizes and weave patterns provide huge number of design potential allowing the end user to choose the best combination for material performance, economics and product flexibility. Information provided by Hexcel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexForce-1543-Fiber-Glass-Fabric.php

Physical Properties	Metric	English	Comments
Thickness	198 microns	7.80 mil	

Mechanical Properties	Metric	English	Comments
Tensile Impact	48.1 J/cm	90.0 ft-lb/in	Filling Breaking Strength
	334 J/cm	625 ft-lb/in	Warp Breaking Strength

Descriptive Properties	Value	Comments
Fabric Weight (oz/yd2)	8.69	Dry
Nominal Construction (count/in)	30	Fill
	49	Warp
Type of Yarn	Fill Yarn: ECE 225 1/0	
	Warp Yarn: ECG 75 1/2	
Weave Style	4 Harness Satin	

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