

Hexcel® HexForce™ 1582 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-1582-Fiber-Glass-Fabric.php

Physical Properties	Metric	English	Comments
Thickness	323 microns	12.7 mil	

Mechanical Properties	Metric	English	Comments
Tensile Impact	294 J/cm	550 ft-lb/in	Filling Breaking Strength
	307 J/cm	575 ft-lb/in	Warp Breaking Strength

Descriptive Properties	Value	Comments
Fabric Weight (oz/yd ²)	13.63	Dry
Nominal Construction (count/in)	56	Fill
	60	Warp
Type of Yarn	Fill Yarn: ECG 150 1/3	
	Warp Yarn: ECG 150 1/3	
Weave Style	8 Harness Satin	

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