

Hexcel® HexForce™ 7627 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-7627-Fiber-Glass-Fabric.php

| Physical Properties | Metric | English | Comments |
|---------------------|-------------|----------|----------|
| Thickness | 157 microns | 6.20 mil | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|-----------|--------------|---------------------------|
| Tensile Impact | 93.4 J/cm | 175 ft-lb/in | Filling Breaking Strength |
| | 187 J/cm | 350 ft-lb/in | Warp Breaking Strength |

| Descriptive Properties | Value | Comments |
|-------------------------------------|-----------------------|----------|
| Fabric Weight (oz/yd ²) | 5.58 | Dry |
| Nominal Construction (count/in) | 24 | Fill |
| | 44 | Warp |
| Type of Yarn | Fill Yarn: ECG 75 1/0 | |
| | Warp Yarn: ECG 75 1/0 | |
| Weave Style | Plain | |

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