

Hexcel® HexForce™ 108 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-108-Fiber-Glass-Fabric.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------|----------|----------|
| Thickness | 63.5 microns | 2.50 mil | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|-----------|---------------|---------------------------|
| Tensile Impact | 37.4 J/cm | 70.0 ft-lb/in | Filling Breaking Strength |
| | 42.7 J/cm | 80.0 ft-lb/in | Warp Breaking Strength |

| Descriptive Properties | Value | Comments |
|-------------------------------------|------------------------|----------|
| Fabric Weight (oz/yd ²) | 1.43 | Dry |
| Nominal Construction (count/in) | 47 | Fill |
| | 60 | Warp |
| Type of Yarn | Fill Yarn: ECD 900 1/2 | |
| | Warp Yarn: ECD 900 1/2 | |
| Weave Style | Plain | |

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