

Schmelzer Industries Pearlveil 110-20 Fiberglass Veil

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

Material Notes:

Economical alternative for flat or shallow applications. Suitable for hand lay-up, pre-form molding, press molding, vacuum molding, and injection molding. Data provided by the manufacturer, Schmelzer Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Schmelzer-Industries-Pearlveil-110-20-Fiberglass-Veil.php

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	31.6	31.6	
Tensile Strength, Ultimate	32.51 MPa	4715 psi	s.d. 1.65 MPa, test specimen 1.22 cm wide (s.d. 0.005 cm), 0.25 cm thick (s.d. 0.008 cm)
Elongation at Break	0.75 %	0.75 %	Elongation at max. load, 0.74%
Modulus of Elasticity	4.83 GPa	701 ksi	std. dev. 0.47 GPa
Flexural Strength	56.4 MPa	8180 psi	s.d. 1.0 MPa, specimen 2.49 cm wide (s.d. 0.008 cm), 0.25 cm thick (s.d. 0.008 cm), 3.8 cm span (s.d. 0 cm). Test conditions: Humidity 50%, Temp. 23°C.
Flexural Modulus	3.60 GPa	522 ksi	Tangent

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