

Schmelzer Industries Pearlveil 110-15 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-110-15-Fiberglass-Veil.php

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	32	32	
Tensile Strength, Ultimate	26.97 MPa	3912 psi	s.d. 1.31 MPa, test specimen 1.22 cm wide (s.d. 0.003 cm), 0.23 cm thick (s.d. 0.005 cm)
Elongation at Break	0.66 %	0.66 %	Elongation at max. load, 0.65%
Modulus of Elasticity	4.76 GPa	690 ksi	std. dev. 0.12 GPa
Flexural Strength	55.9 MPa	8110 psi	s.d. 6.1 MPa, specimen 2.49 cm wide (s.d. 0.02 cm), 0.21 cm thick (s.d. 0.01 cm), 3.8 cm span (s.d. 0 cm). Test conditions: Humidity 50%, Temp. 23°C.
Flexural Modulus	4.00 GPa	580 ksi	Tangent

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