

Schmelzer Industries Pearlveil 110-7 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-110-7-Fiberglass-Veil.php

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	36.5	36.5	
Tensile Strength, Ultimate	22.73 MPa	3297 psi	s.d. 2.99 MPa, test specimen 1.27 cm wide (s.d. 0.005 cm), 0.21 cm thick (s.d. 0.003 cm)
Elongation at Break	0.60 %	0.60 %	Elongation at max. load, 0.59%
Modulus of Elasticity	4.06 GPa	589 ksi	std. dev. 0.15 GPa
Flexural Strength	45.2 MPa	6560 psi	s.d. 1.3 MPa, specimen 2.48 cm wide (s.d. 0.01 cm), 0.22 cm thick (s.d. 0.02 cm), 3.8 cm span (s.d. 0 cm). Test conditions: Humidity 50%, Temp. 23°C.
Flexural Modulus	4.10 GPa	595 ksi	Tangent

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