

Schmelzer Industries Curveil 220-15 Fiberglass Veil

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

Material Notes:

Good for curved applications - drapable and flexible. Suitable for hand lay-up, pre-form molding, press molding, vacuum molding, and injection molding. The 200 series contains a binder additive. Data provided by the manufacturer, Schmelzer Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Schmelzer-Industries-Curveil-220-15-Fiberglass-Veil.php

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	34	34	
Tensile Strength, Ultimate	20.91 MPa	3033 psi	s.d. 2.20 MPa, test specimen 1.21 cm wide (s.d. 0.003 cm), 0.23 cm thick (s.d. 0.008 cm)
Elongation at Break	0.57 %	0.57 %	Elongation at max. load, 0.56%
Elongation at Yield	0.56 %	0.56 %	
Modulus of Elasticity	4.43 GPa	643 ksi	std. dev. 0.33 GPa
Flexural Strength	37.03 MPa	5371 psi	s.d. 2.32 MPa, specimen 2.51 cm wide (s.d. 0.02 cm), 0.24 cm thick (s.d. 0.008 cm), 3.8 cm span (s.d. 0 cm). Test conditions: Humidity 50%, Temp. 23°C.
Flexural Modulus	3.10 GPa	450 ksi	Tangent

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