

Schmelzer Industries Curveil 220-20 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-220-20-Fiberglass-Veil.php

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	32.7	32.7	
Tensile Strength, Ultimate	19.45 MPa	2821 psi	s.d. 0.88 MPa, test specimen 1.21 cm wide (s.d. 0.003 cm), 0.19 cm thick (s.d. 0.008 cm)
Elongation at Break	0.57 %	0.57 %	Elongation at max. load, 0.54%
Modulus of Elasticity	4.03 GPa	585 ksi	std. dev. 0.30 GPa
Flexural Strength	34.4 MPa	4990 psi	s.d. 1.7 MPa, specimen 2.49 cm wide (s.d. 0.02 cm), 0.21 cm thick (s.d. 0.008 cm), 3.8 cm span (s.d. 0 cm). Test conditions: Humidity 50%, Temp. 23°C.
Flexural Modulus	3.30 GPa	479 ksi	Tangent

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