

Hexcel® HexPly® ES 84 120°C Curing Epoxy Matrix, E-glass Balanced fabric 390 g/m²

Category : Polymer , Thermoset , Epoxy , Epoxy/Glass SMC

Material Notes:

Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-ES-84-120C-Curing-Epoxy-Matrix-E-glass-Balanced-fabric-390-gm2.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	600 MPa	87000 psi	0°
Tensile Modulus	21.0 GPa	3050 ksi	0°
Flexural Yield Strength	700 MPa	102000 psi	0°
Flexural Modulus	20.0 GPa	2900 ksi	0°
Compressive Yield Strength	540 MPa	78300 psi	0°
Shear Strength	60.0 MPa	8700 psi	0°, Short Beam

Processing Properties	Metric	English	Comments
Shelf Life	14.0 Month @Temperature -18.0 °C	14.0 Month @Temperature -0.400 °F	

Descriptive Properties	Value	Comments
Fiber Volume (%)	50	
Tack Life (days)	30	

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