

Hexcel® HexPly® ES70 120°C Curing Epoxy Matrix, E-glass UD fabric 315 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-ES70-120C-Curing-Epoxy-Matrix-E-glass-UD-fabric-315-gm2.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	900 MPa	131000 psi	0°
Tensile Modulus	37.0 GPa	5370 ksi	0°
Flexural Yield Strength	1000 MPa	145000 psi	0°
Flexural Modulus	35.0 GPa	5080 ksi	0°
Shear Strength	65.0 MPa	9430 psi	0°, Short Beam

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month @Temperature -18.0 °C	12.0 Month @Temperature -0.400 °F	

Descriptive Properties	Value	Comments
Fiber Volume (%)	55	
Tack Life (days)	30	

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