

Hexcel® HexPly® ES70 120°C Curing Epoxy Matrix, E-glass Balanced fabric 300 g/m2

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

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-Balanced-fabric-300-gm2.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	450 MPa	65300 psi	0°
Tensile Modulus	20.0 GPa	2900 ksi	0°
Flexural Yield Strength	550 MPa	79800 psi	0°
Flexural Modulus	22.0 GPa	3190 ksi	0°
Shear Strength	55.0 MPa	7980 psi	0°, Short Beam

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

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

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