

Hexcel® HexPly® ES 84 120°C Curing Epoxy Matrix, Aramid Balanced fabric 175 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-ES-84-120C-Curing-Epoxy-Matrix-Aramid-Balanced-fabric-175-gm2.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	600 MPa	87000 psi	0°
Tensile Modulus	32.0 GPa	4640 ksi	0°
Flexural Yield Strength	380 MPa	55100 psi	0°
Flexural Modulus	21.0 GPa	3050 ksi	0°
Compressive Yield Strength	240 MPa	34800 psi	0°
Shear Strength	35.0 MPa	5080 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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