

Hexcel® HexPly® EH 84 120°C Curing Epoxy Matrix, High Strength 12k carbon UD tape supported S25 150 g/m2

Category : Polymer , Thermoset , Carbon Fiber/Thermoset Composite , Epoxy , Epoxy/Carbon Fiber Composite

Material Notes:

Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-EH-84-120C-Curing-Epoxy-Matrix-High-Strength-12k-carbon-UD-tape-supported-S25-150-gm2.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	1900 MPa	276000 psi	0°
Tensile Modulus	124 GPa	18000 ksi	0°
Flexural Yield Strength	2000 MPa	290000 psi	0°
Flexural Modulus	116 GPa	16800 ksi	0°
Compressive Yield Strength	1250 MPa	181000 psi	0°
Shear Strength	80.0 MPa	11600 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 (%)	60	
Tack Life (days)	30	

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