

Hexcel® HexPly® M34 75°C (167°F) Curing Epoxy Matrix, High Strength 12k Carbon Balanced Fabric 600 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-M34-75C-167F-Curing-Epoxy-Matrix-High-Strength-12k-Carbon-Balanced-Fabric-600-gm2.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	900 MPa	131000 psi	0°
Tensile Modulus	65.0 GPa	9430 ksi	0°
Flexural Yield Strength	950 MPa	138000 psi	0°
Flexural Modulus	65.0 GPa	9430 ksi	0°
Compressive Yield Strength	600 MPa	87000 psi	0°
Shear Strength	70.0 MPa	10200 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 (%)	60	

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