

Hexcel® HexPly® ES70 120°C Curing Epoxy Matrix, Hybrid carbon/Aramid fabric 245 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-ES70-120C-Curing-Epoxy-Matrix-Hybrid-carbonAramid-fabric-245-gm2.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	400 MPa	58000 psi	0°
Tensile Modulus	35.0 GPa	5080 ksi	0°
Flexural Yield Strength	450 MPa	65300 psi	0°
Flexural Modulus	35.0 GPa	5080 ksi	0°
Shear Strength	40.0 MPa	5800 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
Tack Life (days)	30	

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