

Hexcel® HexPly® 920KX-285-52% 125°C Curing Epoxy Matrix

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

Material Notes:

Kevlar, 4H satin, 171 g/m2 Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-920KX-285-52-125C-Curing-Epoxy-Matrix.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	442 MPa	64100 psi	pr EN 2561 Type B
Tensile Modulus	33.0 GPa	4790 ksi	Results normalized to 60% fibre volume for Carbon, 50% fibre volume for Kevlar; pr EN 2561 Type B
Compressive Yield Strength	140 MPa	20300 psi	Compression After Impact @ 6.6 J/mm, Results normalized to 60% fibre volume for Carbon, 50% fibre volume for Kevlar; pr EN 6038
	278 MPa	40300 psi	Results normalized to 60% fibre volume for Carbon, 50% fibre volume for Kevlar; EFA TP-003
Shear Strength	44.0 MPa	6380 psi	IL; pr EN 2563

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