

Hexcel® HexPly® 920CX-FM40J-6-42% 125°C Curing Epoxy Matrix

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

Material Notes:

High modulus carbon, Unidirectional, 165 g/m² Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-920CX-FM40J-6-42-125C-Curing-Epoxy-Matrix.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	1760 MPa	255000 psi	pr EN 2561 Type B
Tensile Modulus	215 GPa	31200 ksi	Results normalized to 60% fibre volume for Carbon, 50% fibre volume for Kevlar; pr EN 2561 Type B
Compressive Yield Strength	240 MPa	34800 psi	Compression After Impact @ 6.6 J/mm, Results normalized to 60% fibre volume for Carbon, 50% fibre volume for Kevlar; pr EN 6038
	894 MPa	130000 psi	Results normalized to 60% fibre volume for Carbon, 50% fibre volume for Kevlar; EFA TP-003
Shear Strength	76.0 MPa	11000 psi	IL; pr EN 2563

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