

Hexcel® HexPly® 920CX-940-42% 125°C Curing Epoxy Matrix

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

Material Notes:

Intermediate modulus, 6K carbon, 5H satin, 285 g/m2 Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-920CX-940-42-125C-Curing-Epoxy-Matrix.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	1434 MPa	208000 psi	pr EN 2561 Type B
Tensile Modulus	87.0 GPa	12600 ksi	Results normalized to 60% fibre volume for Carbon, 50% fibre volume for Kevlar; pr EN 2561 Type B
Compressive Yield Strength	361 MPa	52400 psi	Compression After Impact @ 6.6 J/mm, Results normalized to 60% fibre volume for Carbon, 50% fibre volume for Kevlar; pr EN 6038
	912 MPa	132000 psi	Results normalized to 60% fibre volume for Carbon, 50% fibre volume for Kevlar; EFA TP-003
Shear Strength	70.0 MPa	10200 psi	IL; pr EN 2563

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