

Hexcel® HexPly® 954-6 Curing Cyanate Resin, M40J Fiber

Category : Polymer , Thermoset , Epoxy

Material Notes:

Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-954-6-Curing-Cyanate-Resin-M40J-Fiber.php

| Mechanical Properties | Metric | English | Comments |
|----------------------------|----------------------|----------------------|--------------|
| Tensile Strength, Yield | 36.5 MPa | 5290 psi | Flatwise, 0° |
| | @Temperature 23.0 °C | @Temperature 73.4 °F | |
| | 72.0 MPa | 10400 psi | 90° |
| | @Temperature 23.0 °C | @Temperature 73.4 °F | |
| | 2365 MPa | 343000 psi | 0° |
| | @Temperature 23.0 °C | @Temperature 73.4 °F | |
| Tensile Modulus | 7.60 GPa | 1100 ksi | 90° |
| | @Temperature 23.0 °C | @Temperature 73.4 °F | |
| | 196 GPa | 28400 ksi | 0° |
| | @Temperature 23.0 °C | @Temperature 73.4 °F | |
| Compressive Yield Strength | 2000 MPa | 290000 psi | |
| | @Temperature 23.0 °C | @Temperature 73.4 °F | |
| Compressive Modulus | 222 GPa | 32200 ksi | |
| | @Temperature 23.0 °C | @Temperature 73.4 °F | |
| Shear Modulus | 4.60 GPa | 667 ksi | |
| | @Temperature 23.0 °C | @Temperature 73.4 °F | |
| Shear Strength | 99.0 MPa | 14400 psi | 0°, IL |
| | @Temperature 22.0 °C | @Temperature 71.6 °F | |
| | 127 MPa | 18400 psi | |
| | @Temperature 23.0 °C | @Temperature 73.4 °F | |

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