

Hexcel® HexPly® 954-6 Curing Cyanate Resin, M55J 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-M55J-Fiber.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.9 MPa	4190 psi	Flatwise, 0°
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	40.0 MPa	5800 psi	90°
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	2165 MPa	314000 psi	0°
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Tensile Modulus	6.20 GPa	899 ksi	90°
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	321 GPa	46600 ksi	0°
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Compressive Yield Strength	896 MPa	130000 psi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Compressive Modulus	300 GPa	43500 ksi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Shear Modulus	4.70 GPa	682 ksi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Shear Strength	70.0 MPa	10200 psi	0°, IL
	@Temperature 22.0 °C	@Temperature 71.6 °F	
	78.0 MPa	11300 psi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

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