

Hexcel® HexPly® M26/M26T 120°C (250°F) Curing Epoxy Matrix, M26/45%/G1070 Carbon Fabric

Category : Polymer , Thermoset , Carbon Fiber/Thermoset Composite , Epoxy , Epoxy/Carbon Fiber Composite

Material Notes:

6K T300J 370 gsm Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-M26M26T-120C-250F-Curing-Epoxy-Matrix-M2645G1070-Carbon-Fabric.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	780 MPa	113000 psi	Warp TS
	@Temperature 80.0 °C	@Temperature 176 °F	
	790 MPa	115000 psi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Flexural Yield Strength	580 MPa	84100 psi	Warp
	@Temperature 80.0 °C	@Temperature 176 °F	
	900 MPa	131000 psi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Flexural Modulus	51.0 GPa	7400 ksi	Warp
	@Temperature 80.0 °C	@Temperature 176 °F	
	58.0 GPa	8410 ksi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Compressive Yield Strength	700 MPa	102000 psi	Warp, RT
Compressive Modulus	62.0 GPa	8990 ksi	Warp, RT
Shear Strength	71.0 MPa	10300 psi	Warp ILSS, RT
	45.0 MPa	6530 psi	Warp ILSS
	@Temperature 80.0 °C	@Temperature 176 °F	
	92.0 MPa	13300 psi	Warp ILSS
	@Temperature -55.0 °C	@Temperature -67.0 °F	

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	
	@Temperature -18.0 °C	@Temperature -0.400 °F	

Descriptive Properties	Value	Comments
Fiber Volume (%)	55	

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