

Hexcel® HexPly® M26/M26T 120°C (250°F) Curing Epoxy Matrix, M26T/50%/7581 Glass Fabric

Category : Polymer , Thermoset , Epoxy , Epoxy/Glass SMC

Material Notes:

300 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-M26T507581-Glass-Fabric.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	400 MPa	58000 psi	Warp TS
	@Temperature 80.0 °C	@Temperature 176 °F	
	410 MPa	59500 psi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Flexural Yield Strength	450 MPa	65300 psi	Warp
	@Temperature 80.0 °C	@Temperature 176 °F	
	520 MPa	75400 psi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Flexural Modulus	16.5 GPa	2390 ksi	Warp
	@Temperature 80.0 °C	@Temperature 176 °F	
	18.0 GPa	2610 ksi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Compressive Yield Strength	500 MPa	72500 psi	Warp, RT
Compressive Modulus	22.0 GPa	3190 ksi	Warp, RT
Shear Strength	60.0 MPa	8700 psi	Warp ILSS, RT
	44.0 MPa	6380 psi	Warp ILSS
	@Temperature 80.0 °C	@Temperature 176 °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
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Fiber Volume (%) Descriptive Properties	50 Value	Comments
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