

Hexcel® F161 Epoxy Resin, 120 Glass Fabric

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

Material Notes:Hexcel designation: 120-38"-F161; Fiber: 450-1/2
Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-F161-Epoxy-Resin-120-Glass-Fabric.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	400 MPa	58000 psi	
	@Temperature 177 °C	@Temperature 351 °F	
	455 MPa	66000 psi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Tensile Modulus	18.0 GPa	2610 ksi	
	@Temperature 177 °C	@Temperature 351 °F	
	21.0 GPa	3050 ksi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Compressive Yield Strength	296 MPa	42900 psi	
	@Temperature 177 °C	@Temperature 351 °F	
	482 MPa	69900 psi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Compressive Modulus	20.0 GPa	2900 ksi	
	@Temperature 177 °C	@Temperature 351 °F	
	21.0 GPa	3050 ksi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	

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