

Hexcel® F161 Epoxy Resin, 7781 Glass Fabric

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

Material Notes:

Hexcel designation: 7781-38"-F161; Fiber: 75-1/0 Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-F161-Epoxy-Resin-7781-Glass-Fabric.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	330 MPa	47900 psi	
	@Temperature 177 °C	@Temperature 351 °F	
	438 MPa	63500 psi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Tensile Modulus	24.4 GPa	3540 ksi	
	@Temperature 177 °C	@Temperature 351 °F	
	27.7 GPa	4020 ksi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Compressive Yield Strength	270 MPa	39200 psi	
	@Temperature 177 °C	@Temperature 351 °F	
	469 MPa	68000 psi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Compressive Modulus	22.1 GPa	3210 ksi	
	@Temperature 177 °C	@Temperature 351 °F	
	30.1 GPa	4370 ksi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	

Descriptive Properties	Value	Comments
Cured Thickness per Ply (cm)	0.029	Laminate
Dry Resin Content (%)	34-40	Prepreg
Fiber Volume (%)	41.2	Laminate
Flow (%)	15-25	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China