

Hexcel® HexPly® M35-4 80-180°C Curing Epoxy Matrix, M35-4/40%/G803/1200 Fabric

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

Material Notes:

Fiber: T300 3K, 285 g/m² Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-M35-4-80-180C-Curing-Epoxy-Matrix-M35-440G8031200-Fabric.php

Physical Properties	Metric	English	Comments
Density	1.51 g/cc	0.0546 lb/in ³	Nominal Laminate Density

Mechanical Properties	Metric	English	Comments
Compressive Yield Strength	771 MPa	112000 psi	prEN2580 Type A
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Shear Strength	35.0 MPa	5080 psi	ILSS; prEN2563
	@Temperature 140 °C	@Temperature 284 °F	
	49.0 MPa	7110 psi	ILSS; prEN2563
	@Temperature 120 °C	@Temperature 248 °F	
	55.0 MPa	7980 psi	ILSS; prEN2563
	@Temperature 100 °C	@Temperature 212 °F	
	59.0 MPa	8560 psi	ILSS; prEN2563
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	61.0 MPa	8850 psi	ILSS; prEN2563
	@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
Cured Thickness per Ply (cm)	0.0314	
Fiber Volume (%)	51.6	

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