

Hexcel® HexPly® F263 Epoxy Resin

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

Material Notes:

HexPly® F263 is a structural, heat resistant epoxy resin formulated for excellent translation of high modulus carbon fiber properties in typically aerospace applications. HexPly® F263 is a high temperature, aerospace grade, epoxy resin for HMG with a 350°F (177°C) core. Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-F263-Epoxy-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.267 g/cc	1.267 g/cc	
Moisture Absorption at Equilibrium	4.8 %	4.8 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	75.0 MPa	10900 psi	
Elongation at Yield	2.4 %	2.4 %	
Tensile Modulus	4.27 GPa	619 ksi	
Fracture Toughness	0.600 MPa-m ^{1/2}	0.546 ksi-in ^{1/2}	

Thermal Properties	Metric	English	Comments
CTE, linear	16.0 µm/m-°C	8.89 µin/in-°F	
Glass Transition Temp, Tg	133 °C	271 °F	Wet
	188 °C	370 °F	Dry

Processing Properties	Metric	English	Comments
Gel Time	2.00 - 9.00 min	2.00 - 9.00 min	
	@Temperature 177 °C	@Temperature 351 °F	

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