

Hexcel® HexPly® M34 75°C (167°F) Curing Epoxy Matrix

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

Material Notes:

HexPly® M34 is an epoxy system, specifically developed for low temperature curing of large structural components, particularly in industrial markets. HexPly® M34 is a self-extinguishing system, providing excellent fire-resistant properties, and meeting the German and French rail qualifications DIN 5510, S3-SR2-ST2 and NF F 16-101 (M2, F1). HexPly® M34 prepreg is ideal for manufacturing sandwich structures, providing excellent adhesion to PVC foam cores. HexPly® M34 exhibits a good shelf life at room temperature for a low temperature curing system. Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-M34-75C-167F-Curing-Epoxy-Matrix.php

Physical Properties	Metric	English	Comments
Density	1.26 g/cc	0.0455 lb/in ³	

Mechanical Properties	Metric	English	Comments
Flexural Yield Strength	120 MPa	17400 psi	
Flexural Modulus	3.80 GPa	551 ksi	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	80.0 °C	176 °F	DMA

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month @Temperature -18.0 °C	12.0 Month @Temperature -0.400 °F	

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