

Hexcel® HexPly® M14 248°F (120°C) Curing Epoxy Matrix

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

Material Notes:

HexPly® M14 is a modified epoxy resin which provides good adhesion to honeycomb and foam cores. Its self-extinguishing characteristics meet the fire, smoke, and toxicity requirements of aerospace and railway specifications. HexPly® M14 can be used for very large industrial components subjected to severe environmental conditions. Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-M14-248F-120C-Curing-Epoxy-Matrix.php

Physical Properties	Metric	English	Comments
Density	1.29 g/cc	0.0466 lb/in³	Cured resin

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	70.0 MPa	10200 psi	ISO R527
Elongation at Yield	2.9 %	2.9 %	ISO R527
Tensile Modulus	3.20 GPa	464 ksi	ISO R527

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	110 - 130 °C	230 - 266 °F	DMA

Processing Properties	Metric	English	Comments
Shelf Life	1.00 Month	1.00 Month	Guaranteed
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	12.0 Month	12.0 Month	
	@Temperature -18.0 °C	@Temperature -0.400 °F	

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