

Hexcel® HexPly® 108 180°C Curing Epoxy Matrix

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

Material Notes:

HexPly® 108 is a high temperature resistant epoxy resin system developed for the fabrication of primary aircraft and space structures. 108 has excellent hot wet properties and exhibits low viscosity. Features: High temperature performance, High flow matrix, Low tack, Good hot wet properties up to 145°C

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-108-180C-Curing-Epoxy-Matrix.php

Physical Properties	Metric	English	Comments
Density	1.26 g/cc	0.0455 lb/in³	Cured resin density

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	59.0 MPa	8560 psi	ISO R527
Elongation at Yield	1.7 %	1.7 %	ISO R527
Tensile Modulus	3.54 GPa	513 ksi	ISO R527
Flexural Yield Strength	94.0 MPa	13600 psi	ISO 178
Flexural Modulus	2.40 GPa	348 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	190 - 210 °C	374 - 410 °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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