

Hexcel® HexPly® EH25 180°C Curing Epoxy Matrix

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

Material Notes:

HexPly® EH25 is a high performance, tough 180°C curing matrix for use in aerospace primary structures. HexPly® EH25 is a self-extinguishing epoxy resin with controlled flow. HexPly® EH25 prepregs are available for use with fabric and UD tape. Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-EH25-180C-Curing-Epoxy-Matrix.php

Physical Properties	Metric	English	Comments
Density	1.33 g/cc	0.0480 lb/in ³	Cured resin

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	75.0 MPa	10900 psi	ISO R527
Elongation at Yield	2.4 %	2.4 %	ISO R527
Tensile Modulus	3.70 GPa	537 ksi	ISO R527

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	180 °C	356 °F	DMA

Processing Properties	Metric	English	Comments
Shelf Life	14.0 Month @Temperature -18.0 °C	14.0 Month @Temperature -0.400 °F	

Descriptive Properties	Value	Comments
Tack Life (days)	30	

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