

Hexcel® HexPly® M36 180°C (350°F) Curing Epoxy Matrix, Unidirectional Prepreg Laminate (M36/32%/135/HTA)

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

Material Notes:

Tenax HTA fiber Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-M36-180C-350F-Curing-Epoxy-Matrix-Unidirectional-Prepreg-Laminate-M3632135HTA.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	365 MPa	52900 psi	Open Hole Tension, Hot/Wet
	384 MPa	55700 psi	Open Hole Tension
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	2143 MPa	310800 psi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Tensile Modulus	140 GPa	20300 ksi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Compressive Yield Strength	204 MPa	29600 psi	Compression After Impact, 30J
	205 MPa	29700 psi	Compression After Impact, 40J
	243 MPa	35200 psi	Compression After Impact, 20J
	251 MPa	36400 psi	Open Hole Compression, Hot/Wet
	278 MPa	40300 psi	Compression After Impact, 10J
	273 MPa	39600 psi	Open Hole Compression
	@Temperature 23.0 °C	@Temperature 73.4 °F	

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

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