

Hexcel® HexPly® F263 Epoxy Resin, T3T095 Carbon Tape

Category : Polymer , Thermoset , Carbon Fiber/Thermoset Composite , Epoxy , Epoxy/Carbon Fiber Composite

Material Notes:

Hexcel designation: T_095-12"-F263; Various fibers
Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-F263-Epoxy-Resin-T3T095-Carbon-Tape.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	1247 MPa	180900 psi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Tensile Modulus	134.8 GPa	19550 ksi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Compressive Yield Strength	1260 MPa	183000 psi	
	@Temperature 71.0 °C	@Temperature 160 °F	
	1420 MPa	206000 psi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Shear Strength	75.0 MPa	10900 psi	Short Beam
	@Temperature 132 °C	@Temperature 270 °F	
	111 MPa	16100 psi	Short Beam
	@Temperature 24.0 °C	@Temperature 75.2 °F	
	120 MPa	17400 psi	Short Beam
	@Temperature -54.0 °C	@Temperature -65.2 °F	

Descriptive Properties	Value	Comments
Cured Thickness per Ply (cm)	0.01	Laminate
Dry Resin Content (%)	35-39	Prepreg
Fiber Volume (%)	55	Laminate
Flow (%)	11-24	

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