

Hexcel® HexPly® F155 Epoxy Resin, T3T095 Carbon Tape

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

Material Notes:

Hexcel designation: TXX095-12"-F155; Various fibers
Information provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexPly-F155-Epoxy-Resin-T3T095-Carbon-Tape.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	1552 MPa	225100 psi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Tensile Modulus	126.2 GPa	18300 ksi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Compressive Yield Strength	924 MPa	134000 psi	
	@Temperature 71.0 °C	@Temperature 160 °F	
	1158 MPa	168000 psi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Compressive Modulus	109.6 GPa	15900 ksi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	

Descriptive Properties	Value	Comments
Cured Thickness per Ply (cm)	0.0094	Laminate
Dry Resin Content (%)	38-40	Prepreg
Fiber Volume (%)	57	Laminate
Flow (%)	4-16	

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