

## Hexcel® HexPly® F155 Epoxy Resin, T2C190 Carbon Tape

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

**Material Notes:**Hexcel designation: TXX190-12"-F155; Various fibers  
Information provided by HexCel

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Hexcel-HexPly-F155-Epoxy-Resin-T2C190-Carbon-Tape.php](http://www.lookpolymers.com/polymer_Hexcel-HexPly-F155-Epoxy-Resin-T2C190-Carbon-Tape.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	1518 MPa	220200 psi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
	1558 MPa	226000 psi	
	@Temperature 71.0 °C	@Temperature 160 °F	
Tensile Modulus	117 GPa	17000 ksi	
	@Temperature 71.0 °C	@Temperature 160 °F	
	124.8 GPa	18100 ksi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Compressive Yield Strength	965 MPa	140000 psi	
	@Temperature 71.0 °C	@Temperature 160 °F	
	1172 MPa	170000 psi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	

Descriptive Properties	Value	Comments
Cured Thickness per Ply (cm)	0.019	Laminate
Dry Resin Content (%)	38-40	Prepreg
Fiber Volume (%)	57	Laminate
Flow (%)	4-16	

## Contact Songhan Plastic Technology Co.,Ltd.

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