

Hexcel® F515 Epoxy Resin, TXX200 Carbon Tape

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

Material Notes:

STD MOD FiberInformation provided by HexCel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-F515-Epoxy-Resin-TXX200-Carbon-Tape.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	1482 MPa	214900 psi	1/2 hr
	@Temperature 71.0 °C	@Temperature 160 °F	
	1717 MPa	249000 psi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Tensile Modulus	108.9 GPa	15790 ksi	1/2 hr
	@Temperature 71.0 °C	@Temperature 160 °F	
	110.3 GPa	16000 ksi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Flexural Yield Strength	1289 MPa	187000 psi	1/2 hr
	@Temperature 71.0 °C	@Temperature 160 °F	
	1558 MPa	226000 psi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Flexural Modulus	124.8 GPa	18100 ksi	1/2 hr
	@Temperature 71.0 °C	@Temperature 160 °F	
	125.5 GPa	18200 ksi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Compressive Yield Strength	1158 MPa	168000 psi	1/2 hr
	@Temperature 71.0 °C	@Temperature 160 °F	
	1303 MPa	189000 psi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Compressive Modulus	112.4 GPa	16300 ksi	1/2 hr
	@Temperature 71.0 °C	@Temperature 160 °F	
	117.9 GPa	17100 ksi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Mechanical Properties Shear Strength	69.6 MPa Metric	10100 psi English	Comments Short Beam, 1/2 hr
	@Temperature 71.0 °C	@Temperature 160 °F	
	86.9 MPa	12600 psi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

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