

Phenolic 40%, Carbon fabric 60%

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

Material Notes:

Phenolic - Monsanto "SC 1008". Carbon fabric - "CCA-1"

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phenolic-40-Carbon-fabric-60.php

Physical Properties	Metric	English	Comments
Density	1.44 g/cc	0.0520 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	114 MPa	16500 psi	
Flexural Yield Strength	183 MPa	26500 psi	
Flexural Modulus	15.7 GPa	2280 ksi	
Compressive Yield Strength	277 MPa	40200 psi	
Compressive Modulus	17.0 GPa	2470 ksi	

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