

Phenolic 46%, Carbon fabric 54%

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

Material Notes:

Phenolic - Monsanto "SC 1008". Carbon fabric - "VCA"

Order this product through the following link:

http://www.lookpolymers.com/polymer_Phenolic-46-Carbon-fabric-54.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	49.99 MPa	7250 psi	
Flexural Yield Strength	102 MPa	14800 psi	
Flexural Modulus	6.96 GPa	1010 ksi	
Compressive Yield Strength	187 MPa	27100 psi	
Compressive Modulus	8.41 GPa	1220 ksi	

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