

Phenolic 35%, Carbon fabric 65%

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-35-Carbon-fabric-65.php

Physical Properties	Metric	English	Comments
Density	1.31 g/cc	0.0473 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	63.16 MPa	9161 psi	
Flexural Yield Strength	126 MPa	18300 psi	
Flexural Modulus	6.30 GPa	914 ksi	
Compressive Yield Strength	164 MPa	23800 psi	
Compressive Modulus	10.3 GPa	1490 ksi	

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