

Beijing Evergrow Resources CFC-DD-1000S Carbon Fiber Cloth

Category : Carbon , Carbon Fiber

Material Notes:

The viscose yarn(cloth) are converted into carbon fiber(cloth) by the special process of weaving, preoxidization, carbonization aftertreatment etc. It has the good high temperature resistance, corrosion resistance for many kinds of organic solvents, it is widely used in military,aerospace fields, and also as electric conductive and exothermic materials used in many industrial fields.Applications:Military, aerospace industryElectric conductive and exothermic materialsInformation provided by Beijing Evergrow Resources.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Beijing-Evergrow-Resources-CFC-DD-1000S-Carbon-Fiber-Cloth.php

Physical Properties	Metric	English	Comments
Density	1.60 - 1.62 g/cc	0.0578 - 0.0585 lb/in ³	
Thickness	120 - 200 microns	4.72 - 7.87 mil	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 250 MPa	>= 36300 psi	weft
	>= 350 MPa	>= 50800 psi	warp

Component Elements Properties	Metric	English	Comments
Carbon, C	>= 90 %	>= 90 %	

Descriptive Properties	Value	Comments
Area Density	18 thread/cm	weft
	22 thread/cm	warp
Conductivity (ohms/20mm)	10-20, 15-25	
Weave	plain	
Weight (g/m ²)	145-175	
Width (mm)	950-1050	

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