

## Beijing Evergrow Resources CFC-DDX-1000 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-DDX-1000-Carbon-Fiber-Cloth.php](http://www.lookpolymers.com/polymer_Beijing-Evergrow-Resources-CFC-DDX-1000-Carbon-Fiber-Cloth.php)

| Physical Properties | Metric            | English                            | Comments |
|---------------------|-------------------|------------------------------------|----------|
| Density             | 1.60 - 1.62 g/cc  | 0.0578 - 0.0585 lb/in <sup>3</sup> |          |
| 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 |
|----------------------------|--------------|----------|
| Conductivity (ohms/20mm)   | 10-20, 15-25 |          |
| Weave                      | twill        |          |
| Weight (g/m <sup>2</sup> ) | 70-90        |          |
| Width (mm)                 | 950-1050     |          |

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