



## **K13710**

### **COAL TAR PITCH-BASED CARBON FIBERS**

#### **TYPICAL PROPERTIES**

<i>Tensile Strength</i>	<i>380 Ksi</i>
<i>Tensile Modulus</i>	<i>92 Msi</i>
<i>Ult Elongation</i>	<i>.40 %</i>
<i>Yield</i>	<i>350 yard/Lb</i>
<i>Density</i>	<i>2.12 g/cm<sup>3</sup></i>
<i>Electrical Resistivity</i>	<i>6.6 x 10<sup>-6</sup> ohm m</i>
<i>Thermal Conductivity</i>	<i>140 W/m`K</i>
<i>Sizing Amount (Epoxy Type)</i>	<i>2 %</i>
<i>Number of Filaments</i>	<i>10 K</i>
<i>Filament Diameter</i>	<i>10 u</i>
<i>Twist</i>	<i>0 untwisted type</i>
<i>Carbon Content</i>	<i>over 99 %</i>

***Standard Package Size:***

***R- Sizing 5.9 lb Spool Size, 9 Spools per Case***

***P- Sizing 2.0 lb Spool Size, 16 Spools per Case***

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