



K13A10
COAL TAR PITCH-BASED CARBON FIBERS

TYPICAL PROPERTIES

<i>Tensile Strength</i>	<i>380 Ksi</i>
<i>Tensile Modulus</i>	<i>114 Msi</i>
<i>Ult Elongation</i>	<i>.3 %</i>
<i>Yield</i>	<i>350 yard/Lb</i>
<i>Density</i>	<i>2.15 g/cm³</i>
<i>Electrical Resistivity</i>	<i>4.7 x 10⁻⁶ ohm m</i>
<i>Thermal Conductivity</i>	<i>220 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:
1.1 lb Spool Size, 16 Spools per Case

This information we believe to be useful for consideration and evaluation. However it should not be taken as a warranty or representation for which we undertake any legal responsibility, or as recommendation or permission to carry out any patented invention commercially.



Mitsubishi Chemical America ● 401 Volvo Parkway Chesapeake VA 23320 ● Phone: 757-382-5750
Fax: 757-312-8259 ● Website: www.mitsubishichemical.com