



## K223QG COAL TAR PITCH-BASED CARBON FIBERS

### TYPICAL PROPERTIES

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| <i>Tensile Strength</i>           | <i>470 Ksi</i>                    |
| <i>Tensile Modulus</i>            | <i>85 Msi</i>                     |
| <i>Ult Elongation</i>             | <i>.6 %</i>                       |
| <i>Bulk Density</i>               | <i>500 g/L</i>                    |
| <i>Density</i>                    | <i>2.1 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>140W/m·K</i>                   |
| <i>Sizing Amount (Epoxy Type)</i> | <i>0 %</i>                        |
| <i>Chop Length</i>                | <i>6 mm</i>                       |
| <i>Filament Diameter</i>          | <i>11 u</i>                       |
| <i>Carbon Content</i>             | <i>over 99 %</i>                  |

*Standard Package Size:*  
*660 lb Pallets (15 cartons with 2/ 22 lbs bags per carton)*  
*\* Super Sacks Available*

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