



FH35114
COAL TAR PITCH-BASED CARBON FIBER FABRICS

TYPICAL PROPERTIES

Fabric

Fabric Area Weight: 140 gsm

Nominal Cured Ply Thickness: 0.005 Inches

Tow Count: 14 x 14 Pick/Inch

Weave Construction: 5 Harness Satin

Width: 1 m

Fiber

Fiber Type: K1351U

Tensile Strength: 500 Ksi

Tensile Modulus: 90 Msi

Ultimate Elongation: 0.6 %

Density: 2.12 g/cm³

Thermal Conductivity: 140 W/mK

Filament Diameter: 10 um

Filament Count: 1 K

Yield: 140 g/km

Standard Package Size: 50 m

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.

