

Marktek Inc.

Your One-Stop Shop for Conductive, Resistive, & Microwave-Absorptive Materials

Data Sheet for PC703006020T Polyester-Carbon Nonwoven

Description: Wet-laid nonwovens consisting of 45-95% polyester and 1-50% 7- um-diameter carbon fiber staple (1/8 - 1") with 5-25 wt.% of co-polyester binder. (Other binders are available.)

	Part Number
<u>Property</u>	<u>PC703006020T</u>
Percentage Carbon, %	30
Thickness, mils:	~9.8 (0.25 mm)
Basis Weight, oz/yd ² :	0.6 (20 g/m ²)
Width, inches:	up to 64 (1.62 m)
Surface Resistivity, ohm/sq:	
MD	< 30
XMD	< 40
Breaking/Tensile Strength	
MD, lb/in:	> 2.5 (3.3N/cm)
Air Permeability, ft ³ /min/ft ² :	NA

Applications: static dissipative layers, medical skin electrodes, surface veils for electrical grounding, corrosion resistance, improving surface finish of linings, and radar-absorbing materials (RAM, stealth).

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