

Marktek Inc.

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

Data Sheet for GC802001020T Glass-Carbon Nonwoven

Description: Wet-laid nonwoven consisting of 80% glass fiber and 20% 7- um-diameter carbon fiber staple (1/8 - 1") with PVA binder. (Other binders are available.)

Part Number GC802001020T

Property

Percentage Carbon, %	20
Thickness, mils:	~8 (0.20 mm)
Basis Weight, oz/yd ² :	0.6 (20 g/m ²)
Width, inches:	up to 64 (1.62 m)
Surface Resistivity, ohm/sq:	50 - 250
Breaking/Tensile Strength MD, lb/in:	> 3.6 (4.7 N/cm)
Air Permeability, ft ³ /min/ft ² :	NA

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

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13621 Riverway Dr.
Suite H
Chesterfield, MO 63017

Tel: 314-878-9190
Fax: 314-878-9558
E-mail: info@marktek-inc.com

www.Marktek-Inc.com

