TECHNICAL DATASHEET

POST-INDUSTRIAL MILLED CARBON FIBER

DESCRIPTION

Post-Industrial Milled Fibers are specifically processed PAN (polyacrylonitrile) based fibers for lower costs applications. All ZOLTEK™ milled products are free of any sizings. ZOLTEK's in-house milling system ensures product quality and traceability from raw material through finished product.

APPLICATIONS

- Buoyancy
- RFI / EMI shielding of electronic devices
- Static dissipation
- Resin-rich surface reinforcement in composites
- Low-cost polyurethane friction compounds

RECOMMENDED USE

Thermoplastic Compounding

MATERIAL OVERVIEW	SI	US
Carbon Content	92% minimum	
Electrical Resistivity	0.00155 ohm-cm	0.00061 ohm-in
Density	1.81 g/cc	0.065 lb/in3
Bulk Density (packed)	350 g/L	21.8 lb/ft3
Fiber Diameter	7.2 µm	0.283 mils
Average Fiber Length	100 µm (MF150)	4 mils

The properties listed in this datasheet do not constitute any warranty or guarantee of values. This information should only be used for the purposes of material selection. Please contact us for more details.

TYPICAL PACKAGING

Each pallet contains 27 boxes and has a net weight of 1,080 lb (490 kg).
Each box is 14.5" x 14.5" x 14.5" (36.8 cm x 36.8 cm x 36.8 cm) and contains 44.1 lbs (20 kg) of post-industrial milled fiber in a polyethylene bag.

CERTIFICATION

Post-Industrial Milled Carbon Fibers are manufactured in accordance with ZOLTEK's written and published data. A Certificate of Conformance is provided with each shipment.

SAFET Y

Obtain, read, and understand the Material Safety Data Sheet (SDS) before use of this or any other ZOLTEK product.

ISO 9001
AS9100
BUREAU VERITAS
Certification
N° US008188

ZOLTEK Toray Group

ZOLTEK Corporation
3101 McKelvey Road | Bridgeton, MO 63044
P: 314-291-5110 | www.zoltek.com