

For Nylon (PA, PPO) Engineering Thermoplastic Applications

DESCRIPTION

ZOLTEK's Type-45 Recycled Chopped Fiber has the following material properties:

- High strength and modulus
- Low density
- Electrically conductive
- Thermally conductive
- Dimensional stability
- Low thermal expansion



Recycled Carbon Fiber

APPLICATIONS

- RFI/EMI shielding of electronic devices
- Wear-resistance of structural/mechanical parts
- Weight reduction and dimensional stability in automotive components

RECOMMENDED USE

Engineering Thermoplastics (ETP): PC, PA, POM, PBT/PET

MATERIAL OVERVIEW	SI	US
Sizing Content	2.75% ± 1.0% by weight	
Moisture Content	0.20% maximum	
Unpacked Bulk Density (minimum)	350 g/L	21.8 lb/ft ³
Fiber Length (nominal)	6 mm	0.25 in

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 45 boxes and has a net weight of 1,800 lb (816 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 40 lbs (18.1 kg) of recycled chopped fiber in a polyethylene bag.

Recycled Chopped Fiber is also available in 500 lb (227 kg) super sacks.

CERTIFICATION

Recycled Chopped Fiber is manufactured in accordance with ZOLTEK's written and published data. A Certificate of Conformance is provided with each shipment.

SAFETY

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