

# RECYCLED CHOPPED FIBER (TYPE-45)

## DESCRIPTION

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

- High strength and modulus
- Low density
- Electrical conductivity
- Dimensional stability
- Low thermal expansion

## 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	2.5% ± 1.0% by weight	
Moisture Content	0.20% maximum	
Unpacked Bulk Density (minimum)	350 g/L	21.8 lb/ft <sup>3</sup>
Fiber Length (nominal)	6 mm	0.25 inch

*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" x 14" x 11.5" (35.6 cm x 35.6 cm x 29.2 cm) and contains 40 lbs (18.1 kg) of chopped fiber in a polyethylene bag.
- Recycled Chopped fiber is also available in 500 lb (227 kg) super sacks.

## CERTIFICATION

ZOLTEK 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.