TECHNICAL DATASHEET

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

<table>
<thead>
<tr>
<th>Material Property</th>
<th>SI</th>
<th>US</th>
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<tbody>
<tr>
<td>Sizing Content</td>
<td>2.5% ± 1.0% by weight</td>
<td></td>
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<tr>
<td>Moisture Content</td>
<td>0.20% maximum</td>
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<tr>
<td>Unpacked Bulk Density (minimum)</td>
<td>350 g/L</td>
<td>21.8 lb/ft³</td>
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<tr>
<td>Fiber Length (nominal)</td>
<td>6 mm</td>
<td>0.25 inch</td>
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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.