



## powerfil® Chopped glass fiber

### PRODUCT CHARACTERISTICS

Textile chopped glass fiber, are made of E-CR glass fiber roving powerfil®.

### TECHNICAL CHARACTERISTICS

<b>Material</b>	textile glass fiber (chopped)	<b>Ignition loss</b> Nominal value	0,30% +/-0,05%
<b>Fiber structure</b>	glass (amorph)	<b>Spezific density</b> (ASTM D1505)	2,6 – 2,7 g/cm <sup>3</sup>
<b>Filament diameter</b> (ISO 1888)	14, 16, 17, 21 and 24 µm	<b>Resistance to acid</b> (16% HCl / 23 °C / 10 min.)*	≥ 99,0 %
<b>Softening temperature</b> (DIN ISO 7884-5, analog ASTM C338)	925 °C	<b>Resistance to alkali</b> (20% NaOH / 50 °C / 24h)*	≥ 90,0 %
<b>Transformation temperature</b> (DIN ISO 7884-8)	760 °C	<b>Fiber length</b>	50 to 100 mm

Fiber	Weight loss after 7 days	Weight loss after 14 days	Weight loss after 28 days
powerfil® chopped glass fiber 310tex, 14µm diameter cut length: 60 mm in NaOH pH-Wert 12,5	1,01%	1,18%	1,22%

\* DBW testing specifications  
The technical information provided to the current state of the technology and is accurate to the best of our knowledge.

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