



## powertex® PF

Textile endless glass fiber,  
voluminized and shape stable

### PRODUCT CHARACTERISTICS

Emission reduced formed part with organic binder which has outstanding acoustic properties as well as very good thermal resistance. Precise shape stability ensures easy handling and efficient installation.

### TECHNICAL CHARACTERISTICS

<b>Material</b>	textile endless glass fiber	<b>Moisture content</b> (PA 007-2, analog ISO 3344)	≤ 0,2 % *
<b>Fiber structure</b>	glass (amorphous)	<b>Ignition loss</b> (PA 007-2, analog ISO 1887)	≤ 0,65 % *
<b>Transformation temperature</b> (DIN ISO 7884-8)	≥ 750 °C	<b>Resistance to acid</b> (PA 013, 16 % HCl, 23 °C, 10 min)	≥ 98,0 % *
<b>Filament diameter</b> (ISO 1888)	17 – 35 µm	<b>Resistance to alkali</b> (PA 015, 20 % NaOH, 50 °C, 24 h)	≥ 90,0 % *
<b>Linear density</b> (ISO 1889)	2700 – 5420 tex		

<b>CHEMICAL COMPOSITION</b>	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	CaO	MgO	TiO <sub>2</sub>	K <sub>2</sub> O + Na <sub>2</sub> O
in weight - %	56 – 62	11 – 16	20 – 25	0 – 4,5	0 – 3,5	≤ 2,5

\* internal DBW test specification

The technical information does not constitute a quality warranty. The suitability purpose must be examined. Subject to change without notice.



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