



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

Material	textile endless glass fiber	Moisture content (on the basis of ISO 3344)	≤ 0,2 % *,**
Fiber structure	glass (amorphous)	Ignition loss (analogous ISO 1887)	0,34 % $\left[\frac{+0,16}{-0,30} / 0 \right]$ *,**
Transformation temperature (analogous DIN 51007)	≥ 750 °C	Resistance to acid (16% HCl, 240h, RT)	≤ 2,0 % *,**
Filament diameter (ISO 1888)	24 $\frac{+11}{-7}$ μm	Resistance to alkali (20% NaOH, 24h, 50 °C)	≤ 10,0 % *,**
Linear density (ISO 1889)	2700 – 5420 tex		

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

*Internal DBW test specifications.

**Based on the glass fibre without binder.

The maximum application temperature is 750 °C. The above information does not constitute a guarantee of properties.

The suitability for the respective application must be checked. Subject to change without notice..