

# powertex® LE

## low emission

Textile endless glass fiber,  
voluminized

### PRODUCT CHARACTERISTICS

**Acoustic improvement while reducing weight. Emission reduction** through Elimination of the plastic bags/nets. **Shaping without additional binders.**

### TECHNICAL CHARACTERISTICS

<b>Material</b>	textile glass fiber (continuous)
<b>Fiber structure</b>	glas (amorph)
<b>Filament diameter</b> (ISO 1888)	14 - 27 µm
<b>Softening temperature</b> (DIN ISO 7884-5, analogous ASTM C338)	≥ 900 °C
<b>Linear density</b> (ISO 1889)	3300 ± 600 tex
<b>Moisture content</b> (analogous ISO 3344)	max. 0,2 % *
<b>Ignition loss</b> (analogous ISO 1887)	0,34 % $\left[ \frac{+0,16}{-0,30} \right]_0$ *
<b>Transformation temperature</b> (analogous DIN 51007)	≥ 750 °C
<b>Specific density</b> (glass) (ASTM D1505)	2,6 ± 0,1 g/cm <sup>3</sup>
<b>Resistance to acid</b> (16% HCl, 240h, RT)	≤ 2,0 % *
<b>Resistance to alkali</b> (20% NaOH, 24h, 50 °C)	≤ 10,0 % *

**Customised design with regard to acoustics and thermal resistance. Densities depending on the silencer design according to the influence of volume flow/pulsation.**

\*Internal DBW test specifications.

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.