



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

Material	textile glass fiber (continuous)
Fiber structure	glass (amorph)
Filament diameter (nominal) (ISO 1888)	17 - 27 μm
Softening temperature (DIN ISO 7884-5, analogous ASTM C338)	925 °C
Transformation temperature (DIN ISO 7884-8)	761 °C
Linear density (ISO 1889)	3300 \pm 600 tex
Ignition loss (PA 007-2, analogous DIN ISO 1887)	\leq 0,65 %
Moisture content (PA 007-2, analogous ISO 3344)	\leq 0,2 %
Specific density (glass) (ASTM D1505)	2,6 – 2,7 g/cm ³
Resistance to acid (16% HCl / 23 °C / 10 min.)*	\geq 99,0 %
Resistance to alkali (20% NaOH / 50 °C / 24h)*	\geq 90,0 %

* DBW testing specifications

The technical information provided to the current state of the technology and is accurate to the best of our knowledge.

DBW Advanced Fiber Technologies GmbH

Rodetal 40
37120 Bovenden
Deutschland

Technical contact person:

Matthias von Wensiersky
Tel. +49 (0)5594 801-11
matthias.wensiersky@dbw.de
www.dbw.de

Sales contact person:

Ingo Lemmer
Tel. +49 (0)5594 801-54
ingo.lemmer@dbw.de
www.dbw.de

