



powertex®

Textile glass fiber, continuous filament

PRODUCT CHARACTERISTICS

For **extrem temperature stressed exhaust systems** and for **direct filling** of the muffler, texturised in a bag, as wrapped or moulded part.

For a good **acoustic absorption** and **thermal insulation** in the **Exhaust Technology Area**.

TECHNICAL CHARACTERISTICS

Material	textile endless glass fiber	Moisture content (PA 007-2, analog ISO 3344)	max. 0,2 % *
Fiber structure	glass (amorphous)	Ignition loss (PA 007-2, analog ISO 1887)	0,5 * ± 0,15 %
Transformation temperature (DIN ISO 7884-8)	≥ 750 °C	Resistance to acid (50%ige HCl, 240h, RT)	≤ 2,0 % *
Filament diameter (ISO 1888)	24 $\frac{+11}{-7}$ µm	Resistance to alkali (20%ige NaOH, 24h, 50 °C)	≤ 10,0 % *
Linear density (ISO 1889)	4800 tex* ± 400 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 specification

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



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:

Claudia Mahrt
Tel. +49 (0)5594 801-766
claudia.mahrt@dbw.de
www.dbw.de