



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.

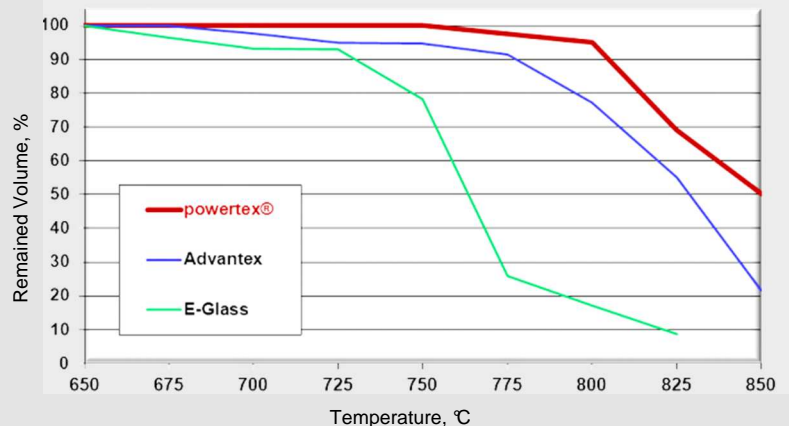
For a good **acoustic absorption** and **thermal insulation** in the **Exhaust Technology Area**.

TECHNICAL CHARACTERISTICS

Material	textile glass fiber (continuous)
Fiber structure	glass (amorph)
Filament diameter (nominal) (ISO 1888)	24 µm
Softening temperature (DIN ISO 7884-5, analogous ASTM C338)	925 °C
Transformation temperatur (DIN ISO 7884-8)	761 °C
Ignition loss (PA007-2, analogous DIN ISO 1887)	≤ 0,65% roving, in the PP-bags ≤ 10,0% moulded part
Specific density (glass) ASTM D1505)	2,6 – 2,7 g/cm ³
Resistance to acid (16% HCl / 23 °C / 10 min.)*	≥ 99,0 %

	Nominal value	Tolerance	Test method
Linear Density, tex	4800	± 5 %	ISO 1889
Moisture Content, %	-	max. 0,1	ISO 3344
Ignition loss, %	0, 5	± 20	ISO 1887

EXCELLENT TEMPERATURE RESISTANCE



* DBW testing specifications

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

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