Technical Data Sheet

Fibracon® PTFE + 25% Glass

PTFE

Typical characteristics

- FDA approved grades of glass filled PTFE are available
- Good wear properties
- Reduced deformation under load

Typical industries

- Chemical Processing Industry
- Vehicle Construction
- Electronics
- Oil and Gas
- Mechanical Engineering Industry
- Healthcare
- Food Industry
- Wind Energy

	Test method	Unit	Guideline value
General properties			
Density	ASTM D4894	g / cm^3	2.24
Mechanical properties			
Hardness	Needle	Shore D	64
Tensile Strength (23°C)	ASTM D4894	MPa	18
Elongation at Break	ASTM D4894	%	200
Thermal properties			
Service Temperature		°C	-200 to +260

This data provides typical values on a small selection of properties of the material and should only be used as a guide to the generic material performance.

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