Röchling

Industrial

Technical Data Sheet

Fibracon® PTFE + 15% Glass

[Characteristics compared to virgin PTFE]

Product characteristics

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

Product applications

- Construction industry
- Grades evaluated to NORSOK M710 for oil and gas applications
- Seals and gaskets (but can wear soft mating surfaces)

	Test method	Unit	Guideline Value
General properties			
Density	ASTM D4894	g/cm^3	2.21
Mechanical properties			
Hardness	Needle	Shore D	60
Tensile Strength (23°C)	ASTM D4894	MPa	20
Elongation at Break	ASTM D4894	%	240
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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INTEGRATED MANAGEMENT SYSTEM