Röchling

Industrial

Technical Data Sheet

Fibracon® PTFE - virgin

Product characteristics

- Unmatched chemical resistance
- Wide operating temperature -200°C to +260°C
- Exceptionally low co-efficient of friction

Product applications

- Grades evaluated to NORSOK M710 for oil and gas applications
- Chemical processing – seal, pumps and valves
- Grades are available where the raw material has been approved to FDA standards - for medical and food applications

	Test method	Unit	Guideline Value
General properties			
Density	ASTM D4894	g/cm^3	2.17
Mechanical properties			
Hardness	Needle	Shore D	54 - 60
Tensile Strength (23°C)	ASTM D4894	N/mm^2	25
Elongation at Break	ASTM D4894	%	250
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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