

Technical Data Sheet

Fibracon[®] PTFE + 15% Glass + 5% MoS2

PTFE

Typical characteristics

- High hardness
- Lower co-efficient of friction than glass filled PTFE
- 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	2.27
Mechanical properties			
Hardness	Needle	Shore D	59 - 64
Tensile Strength (23°C)	ASTM D4894	MPa	22
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.

ri-inquiry@roechling.com • www.roechling.com/industrial/materials

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