

Technical Data Sheet

Fibracon[®] PTFE + 5% MoS2

PTFE

Typical characteristics

- High hardness
- Minimal effect on chemical and electrical properties
- High stiffness

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	2.22 +/- 0.03
Mechanical properties			
Shore hardness	DIN EN ISO 868	Shore D	56-58
Tensile Strength	ASTM D4894	MPa	30
Elongation	ASTM D4894	%	300
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

Print: 29/04/2026 • Release: 20/09/2023

PIM-ID: 709623 • PIM-Code: 37-40-11.11.132-9.7.8.5.5.27.5.10-1

Company-IDs: 21220

Page 1 / 1 (Dates in DD/MM/YYYY)

