

Technical Data Sheet

Fibracon[®] PTFE + 15% 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	2.21
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.

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

Print: 30/04/2025 • Release: 20/09/2023

PIM-Version: 48 • PIM-ID: 709607 • PIM-Code: 48-40-10.126.14-7.7.8.5.5.9.5.10-1

Company-IDs: 21220

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

