

Technical Data Sheet

Fibracon[®] PTFE + 15% Graphite

PTFE

Typical characteristics

- Improved thermal and electrical conductivity
- 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 D1457	g / cm ³	2.05 - 2.25
Mechanical properties			
Hardness	ASTM D1706	Shore D	55 - 59
Tensile Strength (23°C)	ASTM D1457	N/mm ²	>13
Elongation at Break	ASTM D1457*	%	>180
Thermal properties			
Service Temperature		°C	-200 to +260

*12mm initial gauge used. 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: 709609 • PIM-Code: 35-40-16.14-9.7.8.5.5.27.5.10-2
 Company-IDs: 21220

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

