

## Technical Data Sheet

# Fibracon<sup>®</sup> PTFE + 15% Carbon Fibre

PTFE

### Typical characteristics

- Desgaste especialmente bajo cuando se lubrica con agua
- Deformación reducida bajo carga en comparación con el PTFE virgen
- Good thermal conductivity
- Conducto electrico

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	ASTM D1457	g / cm <sup>3</sup>	2.0 - 2.2
<b>Mechanical properties</b>			
Hardness	ASTM D1706	Shore D	57 - 63
Tensile Strength (23°C)	ASTM D1457	N/mm <sup>2</sup>	Minimal 14
Elongation CD	ASTM D-1457	%	Minimal 200
<b>Thermal properties</b>			
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](mailto:ri-inquiry@roechling.com) • [www.roechling.com/industrial/materials](http://www.roechling.com/industrial/materials)

Print: 11/05/2026 • Release: 20/09/2023  
 PIM-ID: 709606 • PIM-Code: 24-40-16.14.3.13-2  
 Company-IDs: 21220

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

