

## Technical Data Sheet

# Fibracon<sup>®</sup> PTFE CLF

PTFE

### Typical characteristics

- Low wear
- Non abrasive
- Low coefficient of friction

### Typical industries

- Chemical Processing Industry
- Vehicle Construction
- Electronics
- Oil and Gas
- Mechanical Engineering Industry
- Healthcare
- Food Industry
- Wind Energy

	Test method	Unit	Guideline value
<b>General properties</b>			
Specific Gravity	ASTM D4894	-	2.09
<b>Mechanical properties</b>			
Hardness	Needle	Shore D	62
Tensile Strength (Cross Direction)	ASTM D4894	MPa	28
Elongation	ASTM D4894	%	320
Deformation under load	13.7MPa, 23°C 24h	%	8.2
Wear factor	Thrust type / ring on ring P=0.45 MPa, V=1.0 m/s Counter material: Al	10 <sup>-7</sup> mm <sup>3</sup> / (Nm)	18
Coefficient of friction	Thrust type / ring on ring P=0.45 MPa, V=1.0 m/s Counter material: Al	-	0.15
<b>Thermal properties</b>			
Service Temperature		°C	-200 to +260

Typical values - not suitable for specification purposes.

[ri-inquiry@roechling.com](mailto:ri-inquiry@roechling.com) • [www.roechling.com/industrial/materials](http://www.roechling.com/industrial/materials)

Print: 14/06/2026 • Release: 20/09/2023  
 PIM-ID: 709629 • PIM-Code: 37-40-19.10.12-9.7.8.5.5.27.5.10-2  
 Company-IDs: 21220

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