

Technical Data Sheet

Fibracon[®] PTFE CLF

PTFE

Typical characteristics

- Low wear
- Non abrasive
- Low coefficient of friction

Typical industries

- Costruzione di serbatoi e impianti chimici
- Costruzione di veicoli
- Elettronica
- Olio e gas
- Ingegneria meccanica e impiantistica
- Healthcare
- Industria alimentare
- Energia eolica

	Test method	Unit	Guideline value
General properties			
Specific Gravity	ASTM D4894	-	2.09
Mechanical properties			
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 ⁻⁷ mm ³ / (Nm)	18
Coefficient of friction	Thrust type / ring on ring P=0.45 MPa, V=1.0 m/s Counter material: Al	-	0.15
Thermal properties			
Service Temperature		°C	-200 to +260

Typical values - not suitable for specification purposes.

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

