

Technical Data Sheet

Fibracon[®] PTFE + 23% Carbon+ 2% Graphite

PTFE

Typical characteristics

- Good for dry and poorly lubricated environments
- Good thermal conductivity
- Electrically conductive
- Reduced deformation under load compared to virgin PTFE

Typical industries

- Construction de réservoirs et d'installations chimiques
- Construction de véhicules
- Industrie électronique
- Pétrole et gaz
- Construction de machines et d'installations
- Healthcare
- Industrie agroalimentaire
- L'énergie éolienne

	Test method	Unit	Guideline value
General properties			
Densité	ASTM D4894	g / cm ³	2.09
Mechanical properties			
Hardness	Needle	Shore D	64 - 70
Tensile Strength (23°C)	ASTM D4894	MPa	18
Elongation at Break	ASTM D4894	%	65
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

