

Technical Data Sheet

Fibracon[®] PTFE + 15% Graphite

PTFE

Typical characteristics

- Improved thermal and electrical conductivity
- Reduced deformation under load

Typical industries

- 化学处理行业
- 车辆构造
- 电子
- 石油和天然气
- 机械工程行业
- Healthcare
- 食品行业
- 风能

	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

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