

Technical Data Sheet

Fibracon[®] PTFE + 20% Carbon Fibre

PTFE

Typical characteristics

- Low wear when lubricated with water
- Reduced deformation under load (improved compressive strength)
- Improved thermal and electrical conductivity

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 4894	g / cm ³	1.98
Mechanical properties			
Hardness	Needle	Shore D	64
Tensile Strength (23°C)	ASTM 4894	MPa	12
Elongation at Break	ASTM 4894	%	140
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.

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