Technical Data Sheet

Fibracon® PTFE + 60% Bronze

PTFE

Typical characteristics

- Improved thermal and electrical conductivity
- Reduced chemical resistace
- Reduced deformation under load

Typical industries

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

	Test method	Unit	Guideline value
General properties			
Density	ASTM D1457	g / cm^3	3.8 - 4.0
Mechanical properties			
Hardness	ASTM D1706	Shore D	60 - 64
Tensile Strength (23°C)	ASTM D1457	N/mm^2	>12
Elongation at Break	ASTM D1457*	%	>80
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.