

Technical Data Sheet

Fibracon[®] PTFE + 15% Carbon Fibre

Typical characteristics

- Particularly low wear when lubricated with water
- Reduced deformation under load compared to virgin PTFE
- Improved thermal and electrical conductivity compared to virgin PTFE

	Test method	Unit	Guideline value
General properties			
Density	ASTM D1457	g / cm ³	2.0 - 2.2
Mechanical properties			
Hardness	ASTM D1706	Shore D	57 - 63
Tensile Strength (23°C)	ASTM D1457	N/mm ²	Minimal 14
Elongation CD	ASTM D-1457	%	Minimal 200
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.