

Technical Data Sheet

Fibracon[®] PTFE + 8% (soft) Carbon + 2% Graphite

Product characteristics

- Soft carbon offers reduces tool wear compared with other carbon filled PTFE
- Improved thermal and electrical conductivity
- Reduced deformation under load

Product applications

- Dry, poorly lubricated environments
- Wear resistant seals and gaskets
- Grades evaluated to NORSOK M710 for oil and gas applications

	Test method	Unit	Guideline Value
General properties			
Density	ASTM D4894	g/cm ³	2.14
Mechanical properties			
Hardness	Needle	Shore D	60 - 64
Tensile Strength (23°C)	ASTM D4894	MPa	24
Elongation at Break	ASTM D4894	%	300
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.