

Technical Data Sheet

Fibracon[®] PTFE - Modified

[Characteristics compared to virgin PTFE]

Product characteristics

- Reduced porosity
- Increased wear resistance
- Lower deformation under load

Product applications

- Seals where fillers cannot be used e.g. chemical industry
- NORSOK M710 grade available for oil and gas applications

	Test method	Unit	Guideline Value
General properties			
Density	ISO 12086	g/cm ³	2.16
Mechanical properties			
Hardness	DIN EN ISO 868	Shore D	59
Tensile Strength (23°C)	ISO 527-3	MPa	36
Elongation at Break	ISO 527-3	%	500
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.