

## Technical Data Sheet

Fibracon<sup>®</sup> PTFE + 25% Glass

[Characteristics compared to virgin PTFE]

## Product characteristics

- FDA approved grades of glass filled PTFE are available
- Improved wear properties
- Reduced deformation under load

## Product applications

- Construction industry
- Grades evaluated to Norsok M710 for oil and gas applications
- Seals and gaskets (but can wear soft mating surfaces)

	Test method	Unit	Guideline Value
<b>General properties</b>			
Density	ASTM D4894	g/cm <sup>3</sup>	2.24
<b>Mechanical properties</b>			
Hardness	Needle	Shore D	64
Tensile Strength (23°C)	ASTM D4894	MPa	18
Elongation at Break	ASTM D4894	%	200
<b>Thermal properties</b>			
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.