

## Technical Data Sheet

### Fibracon<sup>®</sup> PTFE + 15% Glass + 5% MoS<sub>2</sub>

[Characteristics compared to virgin PTFE]

#### Product characteristics

- Increased hardness
- Lower co-efficient of friction than glass filled PTFE
- Reduced deformation under load

#### Product applications

- Steady bearing bushes
- 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>	2.27
<b>Mechanical properties</b>			
Hardness	Needle	Shore D	59 - 64
Tensile Strength (23°C)	ASTM D4894	MPa	22
Elongation at Break	ASTM D4894	%	250
<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.