

### Technical Data Sheet

## Fibracon<sup>®</sup> 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
<b>General properties</b>			
Density	ASTM D1457	g / cm <sup>3</sup>	2.0 - 2.2
<b>Mechanical properties</b>			
Hardness	ASTM D1706	Shore D	57 - 63
Tensile Strength (23°C)	ASTM D1457	N/mm <sup>2</sup>	Minimal 14
Elongation CD	ASTM D-1457	%	Minimal 200
<b>Thermal properties</b>			
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.