

### Technical Data Sheet

## Fibracon<sup>®</sup> PTFE + 33% Carbon + 2% Graphite

#### Typical characteristics

- Improved thermal and electrical conductivity
- Reduced deformation under load
- Good wear resistance

#### Typical industries

- Chemical Processing Industry
- Vehicle Construction
- Electronics
- Oil and Gas
- Mechanical Engineering Industry
- Healthcare
- Food Industry
- Wind Energy

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	ASTM D4894	g / cm <sup>3</sup>	2.04
<b>Mechanical properties</b>			
Hardness	Needle	Shore D	64 - 70
Tensile Strength (23°C)	ASTM D4894	MPa	12
Elongation at Break	ASTM D4894	%	40
<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.