

## Technical Data Sheet

# Fibracon<sup>®</sup> PTFE + 8% (soft) Carbon+ 2% Graphite

PTFE

### Typical characteristics

- Soft carbon offers reduces tool wear compared with other carbon filled PTFE
- Improved thermal and electrical conductivity
- Reduced deformation under load

### 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>	2.14
<b>Mechanical properties</b>			
Hardness	Needle	Shore D	60 - 64
Tensile Strength (23°C)	ASTM D4894	MPa	24
Elongation at Break	ASTM D4894	%	300
<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.

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