

### Technical Data Sheet

# Fibracon<sup>®</sup> PTFE + 20% Carbon Fibre

PTFE

#### Typical characteristics

- Low wear when lubricated with water
- Reduced deformation under load (improved compressive strength)
- Improved thermal and electrical conductivity

#### Typical industries

- Costruzione di serbatoi e impianti chimici
- Costruzione di veicoli
- Elettronica
- Olio e gas
- Ingegneria meccanica e impiantistica
- Healthcare
- Industria alimentare
- Energia eolica

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	ASTM 4894	g / cm <sup>3</sup>	1.98
<b>Mechanical properties</b>			
Hardness	Needle	Shore D	64
Tensile Strength (23°C)	ASTM 4894	MPa	12
Elongation at Break	ASTM 4894	%	140
<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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