

## Technical Data Sheet

# Fibracon<sup>®</sup> PTFE + 10% Carbon+ 5% 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 D1457	g / cm <sup>3</sup>	2.05 - 2.25
<b>Mechanical properties</b>			
Hardness	ASTM 1706	Shore D	57 - 61
Tensile Strength (23°C)	ASTM D1457	N/mm <sup>2</sup>	>18
Elongation at Break	ASTM D1457*	%	>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.

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Print: 17/06/2026 • Release: 20/09/2023  
 PIM-ID: 709601 • PIM-Code: 35-40-10.16.14-9.7.8.5.5.27.5.10-2  
 Company-IDs: 21220

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