

## Technical Data Sheet

# Fibracon<sup>®</sup> PTFE + 15% Graphite

PTFE

### Typical characteristics

- Improved thermal and electrical conductivity
- Reduced deformation under load

### 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 D1457	g / cm <sup>3</sup>	2.05 - 2.25
<b>Mechanical properties</b>			
Hardness	ASTM D1706	Shore D	55 - 59
Tensile Strength (23°C)	ASTM D1457	N/mm <sup>2</sup>	>13
Elongation at Break	ASTM D1457*	%	>180
<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: 13/06/2026 • Release: 20/09/2023  
 PIM-ID: 709609 • PIM-Code: 35-40-16.14-9.7.8.5.5.27.5.10-2  
 Company-IDs: 21220

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