

## Technical Data Sheet

# Fibracon<sup>®</sup> PTFE + 25% Graphite

PTFE

### Typical characteristics

- Conductividad térmica y eléctrica mejorada.
- Deformación reducida bajo carga.

### Typical industries

- Construcción de contenedores químico
- Construcción de vehículos
- Electrónica
- Petróleo y gas
- Construcción de máquinas e instalaciones
- Healthcare
- Industria alimentaria
- Energía eólica

	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>	> 8
Elongation at Break	ASTM D1457*	%	> 50
<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.

[ri-inquiry@roechling.com](mailto:ri-inquiry@roechling.com) • [www.roechling.com/industrial/materials](http://www.roechling.com/industrial/materials)

Print: 15/06/2026 • Release: 20/09/2023  
 PIM-ID: 709618 • PIM-Code: 33-40-16.14-9.7.8.5.5.27.5.10-2  
 Company-IDs: 21220

Page 1 / 1 (Dates in DD/MM/YYYY)

