

## Technical Data Sheet

# Fibracon<sup>®</sup> PTFE + 33% Carbon + 2% Graphite

PTFE

### Typical characteristics

- Improved thermal and electrical conductivity
- Reduced deformation under load
- Good wear resistance

### 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 D4894  | g / cm <sup>3</sup> | 2.04            |
| <b>Mechanical properties</b> |             |                     |                 |
| Hardness                     | Needle      | Shore D             | 64 - 70         |
| Tensile Strength (23°C)      | ASTM D4894  | MPa                 | 12              |
| Elongation at Break          | ASTM D4894  | %                   | 40              |
| <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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