

### 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.

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