

## **Technical Data Sheet**

## Fibracon® PTFE + 33% Carbon + 2% Graphite

## **Typical characteristics**

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

## **Typical industries**

- Chemical Processing Industry
- Vehicle Construction
- Electronics
- Oil and Gas
- Mechanical Engineering Industry
- Healthcare
- Food Industry
- Wind Energy

|                         | Test method | Unit              | Guideline value |
|-------------------------|-------------|-------------------|-----------------|
| General properties      |             |                   |                 |
| Density                 | ASTM D4894  | g/cm <sup>3</sup> | 2.04            |
| Mechanical properties   |             |                   |                 |
| Hardness                | Needle      | Shore D           | 64 - 70         |
| Tensile Strength (23°C) | ASTM D4894  | MPa               | 12              |
| Elongation at Break     | ASTM D4894  | %                 | 40              |
| Thermal properties      |             |                   |                 |
| 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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