

## Technical Data Sheet

Fibracon<sup>®</sup> PTFE + 15% Glass

PTFE

## Typical characteristics

- FDA approved grades of glass filled PTFE are available
- Good wear properties
- Reduced deformation under load

## Typical industries

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

|                              | Test method | Unit                | Guideline value |
|------------------------------|-------------|---------------------|-----------------|
| <b>General properties</b>    |             |                     |                 |
| Density                      | ASTM D4894  | g / cm <sup>3</sup> | 2.21            |
| <b>Mechanical properties</b> |             |                     |                 |
| Hardness                     | Needle      | Shore D             | 60              |
| Tensile Strength (23°C)      | ASTM D4894  | MPa                 | 20              |
| Elongation at Break          | ASTM D4894  | %                   | 240             |
| <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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