

## Technical Data Sheet

Fibracon<sup>®</sup> PTFE + 23% Glass+ 2% MoS2

PTFE

## Typical characteristics

- High hardness
- Lower co-efficient of friction than glass filled PTFE
- 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 D1457  | g / cm <sup>3</sup> | 2.2 - 2.4       |
| <b>Mechanical properties</b> |             |                     |                 |
| Hardness                     | ASTM D1706  | Shore D             | 57 - 61         |
| Tensile Strength (23°C)      | ASTM D1457  | N/mm <sup>2</sup>   | >15             |
| Elongation at Break          | ASTM D1457* | %                   | >200            |
| <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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Print: 30/04/2025 • Release: 20/09/2023

PIM-Version: 36 • PIM-ID: 709614 • PIM-Code: 36-40-11.13.14-7.7.8.5.5.9.5.10-2

Company-IDs: 21220

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

