

### Technical Data Sheet

## Fibracon<sup>®</sup> PTFE + 5% MoS2

#### Typical characteristics

- Increased hardness
- Minimal effect on chemical and electrical properties
- High stiffness

#### Typical industries

- Construction de réservoirs et d'installations chimiques
- Construction de véhicules
- Industrie électronique
- Pétrole et gaz
- Construction de machines et d'installations
- Healthcare
- Industrie agroalimentaire
- L'énergie éolienne

|                              | Test method    | Unit                | Guideline value |
|------------------------------|----------------|---------------------|-----------------|
| <b>General properties</b>    |                |                     |                 |
| Densité                      | ASTM D4894     | g / cm <sup>3</sup> | 2.22 +/- 0.03   |
| <b>Mechanical properties</b> |                |                     |                 |
| Shore hardness               | DIN EN ISO 868 | Shore D             | 56-58           |
| Tensile Strength             | ASTM D4894     | MPa                 | 30              |
| Elongation                   | ASTM D4894     | %                   | 300             |
| <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.