

Technical Data Sheet

Fibracon[®] PTFE + 25% Graphite

Typical characteristics

- Improved thermal and electrical conductivity
- 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 |
|------------------------------|-------------|---------------------|-----------------|
| General properties | | | |
| Density | ASTM D1457 | g / cm ³ | 2.05 - 2.25 |
| Mechanical properties | | | |
| Hardness | ASTM D1706 | Shore D | 55 - 59 |
| Tensile Strength (23°C) | ASTM D1457 | N/mm ² | > 8 |
| Elongation at Break | ASTM D1457* | % | > 50 |
| Thermal properties | | | |
| 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.

