

Technical Data Sheet

Fibracon[®] PTFE + 50% Stainless Steel

Typical characteristics

- Increased heat conductivity
- Offers greater chemical resistance than bronze filled PTFE in high pressure applications
- Reduced deformation under load

Typical industries

- Химическая промышленность
- Строительство транспортных средств
- Электронная промышленность
- Нефтегазовая отрасль
- Машиностроение
- Healthcare
- Пищевая промышленность
- Ветроэнергетика

| | Test method | Unit | Guideline value |
|------------------------------|-------------|---------------------|-----------------|
| General properties | | | |
| Density | ASTM D4894 | g / cm ³ | 3.35 |
| Mechanical properties | | | |
| Hardness | Needle | Shore D | 60 - 69 |
| Tensile Strength (23°C) | ASTM D4894 | MPa | 14 |
| Elongation at Break | ASTM D4894 | % | 150 |
| 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.

