

Technical Data Sheet

Fibracon[®] PTFE + 23% Carbon+ 2% Graphite

Typical characteristics

- Good for dry and poorly lubricated environments
- Good thermal conductivity
- Electrically conductive
- Reduced deformation under load compared to virgin PTFE

Typical industries

- Výroba nádrží a zařízení pro chemický průmysl
- Výroba vozidel
- Elektronika
- Ropa a plyn
- Stavba strojů a zařízení
- Healthcare
- Potravinářský průmysl
- Větrná energie

| | Test method | Unit | Guideline value |
|------------------------------|-------------|---------------------|-----------------|
| General properties | | | |
| Density | ASTM D4894 | g / cm ³ | 2.09 |
| Mechanical properties | | | |
| Hardness | Needle | Shore D | 64 - 70 |
| Tensile Strength (23°C) | ASTM D4894 | MPa | 18 |
| Elongation at Break | ASTM D4894 | % | 65 |
| 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.