

Technical Data Sheet

Fibracon[®] PTFE + 33% Carbon + 2% Graphite

PTFE

Typical characteristics

- Improved thermal and electrical conductivity
- Reduced deformation under load
- Good wear resistance

Typical industries

- 화학 가공 산업
- 차량 제조
- 전자 제품
- Oil and Gas
- 기계 공학 산업
- Healthcare
- Food Industry
- Wind Energy

| | Test method | Unit | Guideline value |
|------------------------------|-------------|---------------------|-----------------|
| General properties | | | |
| Density | ASTM D4894 | g / cm ³ | 2.04 |
| Mechanical properties | | | |
| Hardness | Needle | Shore D | 64 - 70 |
| Tensile Strength (23°C) | ASTM D4894 | MPa | 12 |
| Elongation at Break | ASTM D4894 | % | 40 |
| 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.

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