

Technisches Datenblatt

Fibracon[®] PTFE + 15% Carbon Fibre

Typische Eigenschaften

- Particularly low wear when lubricated with water
- Reduced deformation under load compared to virgin PTFE
- Improved thermal and electrical conductivity compared to virgin PTFE

| | Testverfahren | Einheit | Wert |
|----------------------------------|---------------|---------------------|---------------|
| Allgemeine Eigenschaften | | | |
| Dichte | ASTM D1457 | g / cm ³ | 2.0 - 2.2 |
| Mechanische Eigenschaften | | | |
| Härte | ASTM D1706 | Shore D | 57 - 63 |
| Zugfestigkeit (23°C) | ASTM D1457 | N/mm ² | Minimal 14 |
| Elongation CD | ASTM D-1457 | % | Minimal 200 |
| Thermische Eigenschaften | | | |
| Gebrauchstemperaturbereich | | °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.

