

Technical Data Sheet

Fibracon[®] PTFE + 23% Glass + 2% MoS₂

[Characteristics compared to virgin PTFE]

Product characteristics

- Increased hardness
- Lower co-efficient of friction than glass filled PTFE
- Reduced deformation under load

Product applications

- Steady bearing bushes
- Seals and gaskets (but can wear soft mating surfaces)

| | Test method | Unit | Guideline Value |
|------------------------------|-------------|-------------------|-----------------|
| General properties | | | |
| Density | ASTM D1457 | g/cm ³ | 2.2 - 2.4 |
| Mechanical properties | | | |
| Hardness | ASTM D1706 | Shore D | 57 - 61 |
| Tensile Strength (23°C) | ASTM D1457 | N/mm ² | >15 |
| Elongation at Break | ASTM D1457* | % | >200 |
| 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.