

Technical Data Sheet

Fibracon[®] PTFE - virgin

Product characteristics

- Unmatched chemical resistance
- Wide operating temperature -200°C to +260°C
- Exceptionally low co-efficient of friction

Product applications

- Grades evaluated to NORSOK M710 for oil and gas applications
- Chemical processing – seal, pumps and valves
- Grades are available where the raw material has been approved to FDA standards - for medical and food applications

| | Test method | Unit | Guideline Value |
|------------------------------|-------------|-------------------|-----------------|
| General properties | | | |
| Density | ASTM D4894 | g/cm ³ | 2.17 |
| Mechanical properties | | | |
| Hardness | Needle | Shore D | 54 - 60 |
| Tensile Strength (23°C) | ASTM D4894 | N/mm ² | 25 |
| Elongation at Break | ASTM D4894 | % | 250 |
| 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.