

Technical Data Sheet

Fibracon[®] PTFE virgin - ASTM

PTFE

Typical characteristics

- Wide operating temperature - 200°C to +260°C
- Low coefficient of friction
- Chemical resistant

Typical industries

- Chemical Processing Industry
- Vehicle Construction
- Electronics
- Oil and Gas
- Mechanical Engineering Industry
- Healthcare
- Food Industry
- Sports & Leisure
- Wind Energy
- Semiconductor Front-End Wet Bench
- Semiconductor Front-End 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.

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