

Technical Data Sheet

Fibracon[®] PTFE + 40% Bronze

PTFE

Typical characteristics

- Conductividad térmica y eléctrica mejorada.
- Resistencia química reducida
- Deformación reducida bajo carga.

Typical industries

- Construcción de contenedores químico
- Construcción de vehículos
- Electrónica
- Petróleo y gas
- Construcción de máquinas e instalaciones
- Healthcare
- Industria alimentaria
- Energía eólica

| | Test method | Unit | Guideline value |
|------------------------------|-------------|---------------------|-----------------|
| General properties | | | |
| Density | ASTM D1457 | g / cm ³ | 3.0 - 3.2 |
| Mechanical properties | | | |
| Hardness | ASTM D1706 | Shore D | 59 - 63 |
| Tensile Strength (23°C) | ASTM D1457 | N/mm ² | >17 |
| 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.

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