

Technical Data Sheet

Fibracon[®] PTFE + 60% Bronze

PTFE

Typical characteristics

- Improved thermal and electrical conductivity
- Reduced chemical resistance
- Reduced deformation under load

Typical industries

- Construction de réservoirs et d'installations chimiques
- Construction de véhicules
- Industrie électronique
- Pétrole et gaz
- Construction de machines et d'installations
- Healthcare
- Industrie agroalimentaire
- L'énergie éolienne

| | Test method | Unit | Guideline value |
|------------------------------|-------------|---------------------|-----------------|
| General properties | | | |
| Densité | ASTM D1457 | g / cm ³ | 3.8 - 4.0 |
| Mechanical properties | | | |
| Hardness | ASTM D1706 | Shore D | 60 - 64 |
| Tensile Strength (23°C) | ASTM D1457 | N/mm ² | >12 |
| Elongation at Break | ASTM D1457* | % | >80 |
| 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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Print: 14/06/2026 • Release: 20/09/2023
 PIM-ID: 709626 • PIM-Code: 36-40-16.13.14-9.7.8.5.5.27.5.10-2
 Company-IDs: 21220

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