

### Technical Data Sheet

## Fibracon<sup>®</sup> PTFE + 60% Bronze

#### Typical characteristics

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

#### Typical industries

- Výroba nádrží a zařízení pro chemický průmysl
- Výroba vozidel
- Elektronika
- Ropa a plyn
- Stavba strojů a zařízení
- Healthcare
- Potravinářský průmysl
- Větrná energie

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	ASTM D1457	g / cm <sup>3</sup>	3.8 - 4.0
<b>Mechanical properties</b>			
Hardness	ASTM D1706	Shore D	60 - 64
Tensile Strength (23°C)	ASTM D1457	N/mm <sup>2</sup>	>12
Elongation at Break	ASTM D1457*	%	>80
<b>Thermal properties</b>			
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.

