

### Technical Data Sheet

## Fibracon<sup>®</sup> PTFE + 55% Bronze+ 5% MoS2

#### Typical characteristics

- Excellent wear properties
- Improved thermal and electrical conductivity
- Reduced deformation under load

#### Typical industries

- Chemical Processing Industry
- Vehicle Construction
- Electronics
- Oil and Gas
- Mechanical Engineering Industry
- Healthcare
- Food Industry
- Wind Energy

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	ASTM D1457	g / cm <sup>3</sup>	3.7 - 3.9
<b>Mechanical properties</b>			
Hardness	ASTM D1706	Shore D	62 - 66
Tensile Strength (23°C)	ASTM D1457	N/mm <sup>2</sup>	>10
Elongation at Break	ASTM D1457*	%	>50
<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.

