Röchling

Industrial

Technical Data Sheet

Fibracon® PTFE + 40% Bronze

[Characteristics compared to virgin PTFE]

Product characteristics

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

Product applications

- Creep resistant components in high pressure hydraulic systems
- Wear resistant seals

	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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