Röchling

Industrial

Technical Data Sheet

Fibracon® PTFE + 50% Stainless Steel

[Characteristics compared to virgin PTFE]

Product characteristics

- Increased heat conductivity
- Offers greater chemical resistance than bronze filled PTFE in high pressure applications
- Reduced deformation under load

Product applications

- Wear resistant seals and gaskets for high pressure applications

	Test method	Unit	Guideline Value
General properties			
Density	ASTM D4894	g/cm^3	3.35
Mechanical properties			
Hardness	Needle	Shore D	60 - 69
Tensile Strength (23°C)	ASTM D4894	MPa	14
Elongation at Break	ASTM D4894	%	150
Thermal properties			
Service Temperature		°C	-200 to +260

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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INTEGRATED MANAGEMENT SYSTEM