Röchling

Industrial

Technical Data Sheet

Fibracon® PTFE + 5% MoS_2

[Characteristics compared to virgin PTFE]

Product characteristics

- Increased hardness
- Increased stiffness
- Minimal effect on chemical and electrical properties

Product applications

- Seals and gaskets
- Piston rings

	Test method	Unit	Guideline Value
General properties			
Density	ASTM D4894	g/cm^3	2.22 +/- 0.03
Mechanical properties			
Shore hardness	DIN EN ISO 868	Shore D	56-58
Tensile Strength	ASTM D4894	MPa	30
Elongation	ASTM D4894	%	300
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