Röchling

Industrial

Technical Data Sheet

Fibracon® PTFE + 15% Graphite

[Characteristics compared to virgin PTFE]

Product characteristics

- Improved thermal and electrical conductivity
- Reduced deformation under load

Product applications

- Wear resistant seals and gaskets

	Test method	Unit	Guideline Value
General properties			
Density	ASTM D1457	g/cm^3	2.05 - 2.25
Mechanical properties			
Hardness	ASTM D1706	Shore D	55 - 59
Tensile Strength (23°C)	ASTM D1457	N/mm^2	>13
Elongation at Break	ASTM D1457*	%	>180
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.

Röchling Industrial (UK) Ltd.
Bowden Hey Road, Chapel-en-le-Frith, High Peak, SK23 0QZ, UK
T: +44 (0) 1298 811800 F: +44 (0) 1298 811801 E: sales@roechling-fibracon.co.uk - www.roechling.com/uk/industrial
Date: 29/04/2020 Version: 3.0.0

INTEGRATED MANAGEMENT SYSTEM