

## **Technical Data Sheet**

## Fibracon® PTFE + 15% Carbon

## **Typical characteristics**

- Particularly low wear when lubricated with water
- Reduced deformation under load (improved compressive strength)
- Improved thermal and electrical conductivity

## **Typical industries**

- 화학 가공 산업
- 차량 제조
- 전자 제품
- Oil and Gas
- 기계 공학 산업
- Healthcare
- Food Industry
- Wind Energy

	Test method	Unit	Guideline value
General properties			
Density	ASTM 1457	g / cm <sup>3</sup>	2.0 - 2.2
Mechanical properties			
Hardness	ASTM 1706	Shore D	58 - 62
Tensile Strength (23°C)	ASTM 1457	MPa	18
Elongation at Break	ASTM 1457*	%	>250
Thermal properties			
Service Temperature		°C	-200 to +260

<sup>\*12</sup>mm 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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