

## Technical Data Sheet

# Fibracon<sup>®</sup> PTFE virgin

PTFE

### Typical characteristics

- Wide operating temperature - 200°C to +260°C
- Low coefficient of friction
- Chemical resistant

### Typical industries

- 화학 가공 산업
- 차량 제조
- 전자 제품
- Oil and Gas
- 기계 공학 산업
- Healthcare
- Food Industry
- 스포츠 및 레저
- Wind Energy
- Semiconductor Front-End Wet Bench
- Semiconductor Front-End applications

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	ASTM D4894	g / cm <sup>3</sup>	2.17
<b>Mechanical properties</b>			
Hardness	Needle	Shore D	54 - 60
Tensile Strength (23°C)	ASTM D4894	N/mm <sup>2</sup>	25
Elongation at Break	ASTM D4894	%	250
<b>Thermal properties</b>			
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.

[ri-inquiry@roechling.com](mailto:ri-inquiry@roechling.com) • [www.roechling.com/industrial/materials](http://www.roechling.com/industrial/materials)

