

# PTFE carbon slide

Polytetrafluorethylene +25% carbon

Standard colour: black

- Good gliding PTFE
- Resistant to mineral oil, HFC, HFD-U, HETG = biological base, acid oils and gases, cold water, hot water and steam, diluted acids and bases
- Applicable for spring assisted sealing elements

Properties	Value	Unit	DIN Standard
Hardness	62 ± 3	Shore D	DIN 53505
Density	2,08	g/cm <sup>3</sup>	DIN EN ISO 1183-1
Tensile strength	11,6	N/mm <sup>2</sup>	DIN 53504
Tensile modulus			
Elongation at break	75	%	DIN 53504
Flexural strength			
Compressive strength	10	N/mm <sup>2</sup>	DIN EN ISO 604:2003
Thermal conductivity	0,44	W/m*K	DIN EN ISO 22007
Heat deflection temperature	65	°C	DIN EN ISO 75-1
min. service temperature	-200	°C	
max. service temperature	260	°C	
Melting temperature	335	°C	DIN EN ISO 3146

All above stated data results from random tests which were taken from the ongoing production. All data was established based on standard test-products according to ISO, DIN and ASTM standards and can basically not be carried over to the completed seal.

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