



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	D875
Density	2,08	g/cm ³	D792
Tensile strength	1,9	PSI	D638
Tensile modulus		PSI	D638
Elongation at break	75	%	D638
Flexural strength	2,3	PSI	D790
Compressive strength	1,7	PSI	D695
Thermal conductivity	15,5 x 10 ⁻⁴	cal/cm-sec-°C	C177
Heat deflection temperature	65	°C	D648
min. service temperature	-200	°C	
max. service temperature	260	°C	
Melting temperature	335	°C	D3418

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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