



# PTFE glass wear

Polytetrafluorethylene +15% glass fibre, +5% molybdenumsulfide  
Standard colour: grey

- Hard, low wear 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
<b>Hardness</b>	58 ± 3	Shore D	ISO 868
<b>Density</b>	2,244	g/m <sup>3</sup>	DIN 53479
<b>Ball indentation hardness</b>	≥ 26	MPa	DIN 53456 H135/30
<b>Tensile strength at break</b>	≥ 16	MPa	ASTM D 4745-79
<b>Elongation at break</b>	≥ 185	%	ASTM D 4745-79
<b>Compressive strength</b>	≥ 8	MPa	DIN 53455
<b>Thermal conductivity</b>	0,13	kJ/m <sup>2</sup> *h*K	DIN 52612
<b>Therm. Coefficient of linear exp.</b>	11	K <sup>-1</sup> * 10 <sup>-5</sup>	
<b>Coefficient of friction</b>	0,13	μ	
<b>Tensile modulus</b>	1320	MPa	DIN 53457
<b>min. service temperature</b>	-200	°C	
<b>max. service temperarute</b>	+260	°C	

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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