



POM diet

Polyacetale

Standard colour: white

- Suitable for moist environments, good gliding material
- Resistant to mineral oil, HFC, HFD-U, HETG=biological base, acid oils and gases, cold water and diluted acids and bases
- Applicable for Backup Rings and Guide Rings

Properties	Value	Unit	DIN Standard
Hardness	85 ± 3	Shore D	DIN 53505
Density	1,41 – 1,43	g/cm ³	DIN 53479
Water absorbtion	0,25	%/24h	DIN 53495
Fire performance	94HB		UL 94 Test
Modulus of elasticity in tension	3000	N/mm ²	DIN 53452
Elongation at break	40	%	DIN 53455
Tensile strength at break	70	N/mm ²	DIN 53455
Impact strength	no break	kJ/m ²	DIN 53453
Ball indentation hardness	160	N/mm ²	DIN 53456
Heat distortion	110	°C	DIN 53461
Therm. coefficient of linear exp.	11	1/K.10 ⁻⁵	DIN 53752
Melting point	164-168	°C	DIN 53736
min. service temperature	-50	°C	
max. service temperature	+90	°C	
Sliding coefficient	0,27	μ	

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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