



# PU reason

Polyurethane

Standard colour: dark green

- Low priced polyurethane
- Resistant to mineral oil and diluted acids and bases
- Applicable for Rod and Piston Seals, Wiper Seals, Static Seals, Backup Rings and Guide Rings

Properties	Value	Unit	DIN Standard
Hardness	95 ± 2	Shore A	DIN 53505
Hardness	48 ± 3	Shore D	DIN 53505
Density	1,2	g/cm <sup>3</sup>	DIN EN ISO 1183-1
Compression set 70°C/24h	28	%	DIN ISO 815-1
Compression set 70°C/70h	30	%	DIN ISO 815-1
Compression set 100°C/24h		%	DIN ISO 815-1
Elongation at break	350	%	DIN 53504
100% modulus	13	N/mm <sup>2</sup>	DIN 53504
300% modulus	33	N/mm <sup>2</sup>	DIN 53504
Rebound resilience		%	DIN 53512
Tear strength	46	N/mm	DIN 53515
min. service temperature	-30	°C	
max. service temperature	+100	°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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