



NBR standard

Nitrile-butadiene-rubber

Standard colour: black

- For general applications
- Resistant against mineral oil, HFC and cold water
- Applicable for rod and piston seals, wiper seals, rotary seals and static seals

Properties	Value	Unit	DIN Standard
Hardness	85 ± 5	Shore A	DIN 53505
Density	1,317	g/cm ³	DIN EN ISO 1183-1
Compression set 23°C/72h	6,4	%	DIN ISO 815-1
Compression set 70°C/24h	6,2	%	DIN ISO 815-1
Compression set 100°C/24h	12	%	DIN ISO 815-1
Elongation at break	226	%	DIN 53504
Tensile strength	15,2	MPa	DIN 53504
100 % modulus	8,8	MPa	DIN 53504
Rebound resilience	25	%	DIN 53512
Abrasion	130	mm ³	DIN 53516
Tear strength	5,4	N/mm	DIN 53515
min. service temperature	-35	°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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