



NBR taiga

Nitrile-butadiene-rubber

Standard colour: black

- Low temperature NBR
- Resistant to 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	82 ± 5	Shore A	DIN 53505
Density	1,298	g/cm ³	DIN EN ISO 1183-1
Compression set 23°C/72h	7,7	%	DIN ISO 815-1
Compression set 70°C/24h	9,9	%	DIN ISO 815-1
Compression set 100°C/24h	13,7	%	DIN ISO 815-1
Elongation at break	147	%	DIN 53504
Tensile strength	16,3	MPa	DIN 53504
100% modulus	12,2	MPa	DIN 53504
Rebound resiliance	45	%	DIN 53512
Abrasion	130	mm ³	DIN 53516
Tear strength	4,5	N/mm	DIN 53515
min. service temperature	-45	°C	
max. service temperature	+90	°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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