



NBR low temperature

Nitrile-butadiene-rubber

Standard colour: **Black**

- Low temperature NBR
- Resistant against mineral oil, HFC and cold water
- Applicable for Rod and Piston seals, Wiper seals, Rotary seals and Static seals.

Properties	Unit	Din Standard	Value
Hardness	Shore A	DIN53505	82 ± 5
Density	g/cm ³	DIN EN ISO 1183-1	1.298
Compression set 23°C/72h	%	DIN ISO 815-1	7.7
Compression set 70°C/24h	%	DIN ISO 815-1	9.9
Compression set 100°C/24h	%	DIN ISO 815-1	13.7
Elongation at break	%	DIN53504	147
Tensile strength	N/mm ²	DIN53504	16.3
100% modulus	MPa	DIN53504	12.2
Rebound resilience	%	DIN53512	45
Abrasion	mm ³	DIN53516	130
Tear strength	N/mm	DIN53515	4.5
Min. service temperature	°C		-45
Max. service temperature constant	°C		+90

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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