



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