



# NBR 73shA

Nitrile-butadiene-rubber

Standard colour: **Black**

- NBR in softer setting, 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	Unit	Din Standard	Value
Hardness	Shore A	DIN53505	73 ±
Density	g/cm <sup>3</sup>	DIN EN ISO 1183-1	1.220
Compression set 23°C/72h	%	DIN ISO 815-1	3.3
Compression set 70°C/24h	%	DIN ISO 815-1	5.9
Compression set 100°C/24h	%	DIN ISO 815-1	9.9
Elongation at break	%	DIN53504	238
Tensile strength	MPa	DIN53504	14
100% modulus	MPa	DIN53504	6.1
Rebound resilience	%	DIN53512	31
Abrasion	mm <sup>3</sup>	DIN53516	136
Min. service temperature	°C		-35
Max. service temperature	°C		+100

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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