



HNBR ED

Hydrog. acrylonitrile-butadiene-rubber

Standard colour: **Black**

- Against explosive decompression
- Resistant to mineral oil, HFC, cold water
- Applicable for Rod and Piston seals, Wiper seals, Rotary seals and Static seals.

Properties	Unit	Din Standard	Value
Hardness	Shore A	DIN53505	88 ± 5
Density	g/cm ³	DIN EN ISO 1183-1	1.297
Compression set 23°C/72h	%	DIN ISO 815-1	18.4
Compression set 100°C/24h	%	DIN ISO 815-1	18.6
Compression set 150°C/24h	%	DIN ISO 815-1	23.3
Elongation at break	%	DIN53504	221
Tensile strength	N/mm ²	DIN53504	21.2
100% modulus	MPa	DIN53504	8
Rebound resilience	%	DIN53512	36
Abrasion	mm ³	DIN53516	117
Tear strength	N/mm	DIN53515	5.3
Min. service temperature	°C		-30
Max. service temperature constant	°C		+150
Max. service temperature short	°C		+170

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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