

## Characteristics and features

- light-coloured NBR material
- ACN content of polymer 33%
- free of PAK (in accordance with Kat.1 of ZEK 01 2-08)
- extremely high elongation
- sulfur cured
- nitrosamine free

## Technical data sheet

Polymer		DIN ISO 1629	NBR
Colour			off white
Temperature resistance	[°C]		-30°C - +100°C
Shore hardness	[ShA]	DIN 53 505 / ISO 7619	62 ± 5
Density	[g/cm <sup>3</sup> ]	DIN EN ISO 1183 / ISO 2781	1,43 ± 0,02
Tensile strength	[N/mm <sup>2</sup> ]	DIN 53 504 / ISO 37	approx. 8,0
Elongation at break	[%]	DIN 53 504 / ISO 37	approx. 550
Compression set *	[%]	DIN 53 517 / ISO 815	approx. 42,0
Ozone resistance **		ISO 1431-1	non resistant
Spec. volume resistance		DIN IEC 60093	insulating

\* 24 h / 70 °C; \*\* 50 ppm, 40°C, 72 h, 20% Elongation

## Resistance



## Contact:

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### Important information:

The listed test values and data are based on results of many years of development, tests and proving. A characteristics warranty and guaranteed function can't be derived from the information given. It is within the user's responsibility to test the selection of material in a specific application to ascertain his intended operational capability. Technical changes within the product development are subject to change.