Technical datasheet

NK sponge rubber grade

Basic information	Specification
Basic elastomer	NR
Fabric ply	without ply
Description/features	film on both sides, coares fabric pattern on both sides, good temperature resistance
Format	**Rolls:** 2 mm to 10 mm thickness available in 1 m x 10 m **Sheets:** 2 mm to 10 mm thickness available in 1 m x 1 m or 1 m x 2 m 12 mm to 50 mm thickness available in 1 m x 1 m
Colour	black*

Technical data	Standard term/Specification	Unit	Testing method
Density	0.5 to 0.9	g/cm³	DIN EN ISO 1183-1
Shore A	18	°Sh A	DIN ISO 7619-1
Tensile strength	about 1.0	N/mm²	DIN 53504
Elongation at break	200 to 400	%	DIN 53504
Abrasion	n.a.	mm³	DIN ISO 4649 method A
Compression set**	about 35	%	DIN ISO 815-1
Temperature range	from -40 up to +70	°C	

Resistance	Standard term/Specification
Oil	⊖
Fuels	⊖
Acids	n.sp.
Alkaline solution	n.sp.
Weather	⊕

Legend		
⊕ ⊕ = particularly resistant	⊖ = not resistant	n.sp. = not specified
⊕ = resistant		n.a. = not applicable

Product-related special properties can be tested in our in-house laboratory. If necessary separate standards and testing standards deviating from DIN may be specified.
* Production related colour deviations to the point of dark grey possible.
** 50% deformation in 24 h at 23 °C

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elastomer technology

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