

## Characteristics and features

- NR/SBR - quality
- sulfur cured
- Isolating mat according VDE 0303 part 21
- dielectric strength ca. 60 kV/4mm
- complies with DIN VDE 0680 part 1:1983-1
- rebound > 50%

**A-BY 60-84**

All our products are:

- PAH-free (EU 1272/2013)
- REACH conform
- Nitrosamin free
- RoHS II conform

## Technical data sheet

Polymer		DIN ISO 1629	NR/SBR
Colour			dark grey
Shore hardness	[ShA]	ISO 7619-1 / 3s	55 ± 5
Density	[g/cm <sup>3</sup> ]	DIN EN ISO 1183 / ISO 2781	1,20 ± 0,02
Tensile strength	[N/mm <sup>2</sup> ]	ISO 37	> 15
Elongation at break	[%]	ISO 37	> 400
Temperature resistance	[°C]		
Tear strength	[N/mm]	DIN ISO 34-1 A	> 12
Compression set *	[%]	ISO 815	< 40
Fire resistance **		FMVSS 302	B (hardly inflammable)
Ozone resistance ***		ISO 1431-1	not ozone resistant
Spec. Volume resistance	[Ωcm]	VDE 0303-30	isolating

\* 24 h / 70 °C; \*\* tested at bei 2 mm; \*\*\* 50 pphm, 40°C, 72 h, 20% Elongation

## Resistance



Stand: 15.09.2016 / issue: 1

### 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.

This edition supersedes all previous data sheets.