

Characteristics and features

- NR/SBR quality
- sulfur cured
- isolating mat according VDE 0303 part 21
- dielectric strength up to 14,4 kV/mm (> 50 kV/4mm)
- self-extinguish acc. FMVSS 302 up to 3mm thickness
- lacquer indifferent

A-BX 78-83

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			light grey
Shore hardness	[ShA]	ISO 7619-1 / 3s	78 ± 5
Density	[g/cm ³]	DIN EN ISO 1183 / ISO 2781	1,71 ± 0,02
Tensile strength	[N/mm ²]	ISO 37	> 3
Elongation at break	[%]	ISO 37	> 200
Temperature resistance	[°C]		-55°C to +70°C
Tear strength	[N/mm]	DIN ISO 34-1 A	> 1,0
Compression set *	[%]	ISO 815	< 50
Fire resistance **		FMVSS 302	SE (self-extinguish)
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



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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.

This edition supersedes all previous data sheets.