

## Characteristics and features

- FPM quality
- bisphenolic cured
- Fluor content ca. 66%
- complies with Siemens Norm SN 53145-1
- Trafo oil resistance
- applicable to +275°C for a short time

**A-VF 75-00**

All our products are:

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

## Technical data sheet

<b>Polymer</b>		DIN ISO 1629	FKM
<b>Colour</b>			black
<b>Shore hardness</b>	[ShA]	ISO 7619-1 / 3s	75 ± 5
<b>Density</b>	[g/cm <sup>3</sup> ]	DIN EN ISO 1183 / ISO 2781	1,93 ± 0,03
<b>Tensile strength</b>	[N/mm <sup>2</sup> ]	ISO 37	> 7
<b>Elongation at break</b>	[%]	ISO 37	> 200
<b>Temperature resistance</b>	[°C]		-15°C to +250°C
<b>Tear strength</b>	[N/mm]	DIN ISO 34-1 A	> 2,0
<b>Compression set *</b>	[%]	ISO 815	< 25
<b>Fire resistance **</b>		FMVSS 302	DNI (nicht entflammbar)
<b>Ozone resistance ***</b>		ISO 1431-1	ozone resistant
<b>Spec. Volume resistance</b>	[Ωcm]	VDE 0303-30	isolating

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

## Resistance



Stand: 13.01.2017 / 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.