



Characteristics and features

NBR material
resistant against transformer oil
content of ACN in polymer 33%
peroxide cured

Technical data sheet

Polymer		DIN ISO 1629	NBR
Colour			black
Temperature resistance	[°C]		-25 °C +100 °C
Shore hardness	[ShA]	DIN 53 505 / ISO 7619	70 ± 5
Density	[g/cm ³]	DIN EN ISO 1183 / ISO 2781	1,36 ± 0,02
Tensile strength	[N/mm ²]	DIN 53 504 / ISO 37	approx. 9,0
Elongation at break	[%]	DIN 53 504 / ISO 37	approx. 190
Compression set *	[%]	DIN 53 517 / ISO 815	approx. 7,0
Ozone resistance **		ISO 1431-1	non resistant
Spec. volume resistance		DIN IEC 60093	insulating

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

Waranty exclusion

In view of the variety of different installation and operation conditions as well as application and process engineering options, the information given in this datasheet can only provide approximate guidance and cannot be used as basis for warranty claims.

Resistance

