

Characteristics and features

- chloroprene quality (CR)
- sulfur cured
- ETU free cured according REACH SVHC list
- glas temperature $T_g < -45^\circ\text{C}$
- PAH acc. AfPS GS 2019-01: level 2 (toys)
- short time temperature resistant to $+105^\circ\text{C}$

A-ZO 55-00

All our products are:

- PAH-free (EU 1272/2013)
- REACH conform
- Nitrosamin free
- RoHS 3 conform

Technical data sheet

Polymer		DIN ISO 1629	CR
Colour			black
Shore hardness	[ShA]	ISO 7619-1 / 3s	55 \pm 5
Density	[g/cm ³]	DIN EN ISO 1183 / ISO 2781	1,30 \pm 0,02
Tensile strength	[N/mm ²]	ISO 37	> 10
Elongation at break	[%]	ISO 37	> 250
Temperature resistance	[°C]		-45°C to +100°C
Tear strength	[N/mm]	DIN ISO 34-1 A	> 3,0
Compression set *	[%]	ISO 815	< 25
Fire resistance **		FMVSS 302	SE/NBR (self extinguished)
Ozone resistance ***		ISO 1431-1	ozone resistant
Spec. Volume resistance	[Ωcm]	VDE 0303-30	antistatic

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

Resistance



Stand: 02.03.2021 / issue: 2

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.