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Datasheet

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COG-No.	Ne 450
Basic elastomere	Chloroprene rubber (CR)
Colour	black
Temperature range	from -30 °C to 120 °C
License / Certificate	

Typical properties

Properties	Unit	Value	Testing methods
Hardness	Shore A	50 ± 5	ASTM D 2240
	°IRHD, CM	53 +3/-8	DIN ISO 48
Tensile strength	MPa	15,2	ASTM D 412 C
Ultimate elongation	%	415	ASTM D 412 C
Tear strength	kN/m	38	ASTM D 624
Compression set (22 h / 100 °C)	%	30	ASTM D 395 B

Chloroprene rubber (CR)

The chemical and physical properties of chloroprene rubber are similar to those of nitrile butadiene rubber. Mineral oil resistance is somewhat lower, but resistance to ageing, ozone, acids and alkalis is excellent.

The mentioned values are average values and result from a limited number of laboratory tests. These tests were performed on standard test specimens and may therefore vary significantly from the values that were determined by means of tests performed on finished parts. On the basis of his own tests, the purchaser must ensure that the product is suitable for the intended application purpose.

Our recommendations are provided according to the best of our knowledge. However, they are not binding and exclude any form of liability for any kind of damage.