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Datasheet

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COG-No.	BT 480
Basic elastomere	Butyl rubber (IIR)
Colour	black
Case hardening temperature	from -40 °C to +140 °C
License / Certificate	

Typical properties

Properties	Unit	Value	Testing methods
Hardness	Shore A	65 ± 5	DIN 53 505
	°IRHD, CM	68 +3/-8	DIN ISO 48
Tensile strength	MPa	4,7	DIN 53 504
Ultimate elongation	%	450	DIN 53 504
Tear strength	N/mm	7,6	DIN 53 507 B
Compression set (22 h /100° C)	%	< 50	DIN ISO 815

Butyl rubber (IIR)

Characteristics of seals made of this material are very low gas permeability, high resistance to the effects of oxygen and ozone, good electrical properties and above-average resistance to animal and vegetable oils and fats; unsuitable for use in mineral oil.

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.