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Datasheet

date 25.01.2005

COG-No.	Hy 601
Basic elastomere	Chlorosulfonated polyethylene (CSM)
Colour	black
Case hardening temperature	from -15 °C to +135 °C
License / Certificate	

Typical properties

Properties	Unit	Value	Testing methods
Hardness	Shore A	70 ± 5	DIN 53 505
	°IRHD, CM	68 +3/-8	DIN ISO 48
Tensile strength	MPa	15,7	DIN 53 504
Ultimate elongation	%	360	DIN 53 504
Tear strength	N/mm	9,3	DIN 53 507 B
Compression set (22 h /100° C)	%	< 30	DIN ISO 815
TR-10	° C	-14	ASTM D 1329

Chlorosulfonated polyethylene (CSM)

Exceptional resistance to ozone, good resistance to the effects of acids and alkalies, ageing-resistant, good mechanical and physical properties show the sectors where chlorosulfonated polyethylene is used. Mineral oils can cause expansion, the extent of which will depend on the seal's working temperature and on the type of hydrocarbon link.

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.