

**C. OTTO GEHRCKENS. DICHTUNGSTECHNIK**

Postfach 1453 . 25404 Pinneberg . Gehrstücken 9 . 25421 Pinneberg

Telefon (04101) 5002-0 . Telefax (04101) 5002-83 . eMail info@cog.de

**Datasheet**

date 15.03.2005

COG-No.	K 570
Basic elastomere	Natural rubber (NR)
Colour	black
Case hardening temperature	from -45 °C to +100 °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	16,4	DIN 53 504
Ultimate elongation	%	440	DIN 53 504
Tear strength	N/mm	4,4	DIN 53 507 B
Compression set (22 h / 70° C)	%	< 30	DIN ISO 815

**Natural rubber ( NR )**

Natural rubber is a highly elastic material with excellent physical properties. Despite the large number of synthetic rubber types with their special attributes available, there is still a considerable range of applications for natural rubber.

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.