



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

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COG-No.	Vi 500
Basic elastomere	Fluorinated rubber (FPM)
Colour	black
Case hardening temperature	from -15 °C to +200 °C
License / Certificate	

Typical properties

Properties	Unit	Value	Testing methods
Hardness	Shore A	80 ± 5	DIN 53 505
	°IRHD, CM	80 +3/-8	DIN ISO 48
Tensile strength	MPa	> 13	DIN 53 504
Ultimate elongation	%	> 150	DIN 53 504
Tear strength	N/mm	30	ASTM D 624 B
Compression set (22 h / 200 °C)	%	< 20	DIN 53 517
TR-10	° C	-15	ASTM D 1329

Fluorinated rubber (FPM)

Outstanding resistance to mineral oils, aliphatic and aromatic hydrocarbons, as well as chlorinated hydrocarbons, concentrated and diluted acids, also weak alkalis. Excellent resistance to high temperatures (up to +200° C) and good mechanical attributes and an exceptionally good ageing resistance put FPM rubber on a higher level compared to other synthetic rubbers

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.