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Datasheet

date 14.04.2005

COG-No.	AF 100
Basic elastomere	Aflas® (TFE/P)
Colour	black
Case hardening temperature	from -10 °C to +200 °C
License / Certificate	

Typical properties

Properties	Unit	Value	Testing methods
Hardness	Shore A	75 ± 5	DIN 53 505
	°IRHD, CM	72 +3/-8	DIN ISO 48
Tensile strength	MPa	14,7	DIN 53 504
Ultimate elongation	%	280	DIN 53 504
Tear strength	N/mm	5,3	DIN 53 507 B
Compression set (22 h /200 °C)	%	< 45	DIN 53 517

Aflas® (TFE/P)

Aflas® is a special rubber belonging to the new generation of fluoro-elastomers. Aflas O-ring seals display exceptionally high resistance to a large number of specific media and chemicals, e.g. hot water, steam, acids, alkalis, ammonia, bleaches, sour (H₂S)gases and oils, as well as amines and especially media with amine containing additives and corrosion-inhibitors, doped moter oils and gearbox oils, brake fluid and oxidized media.

Temperatur ranges are similar to those of the fluoro-elastomers.

® Aflas is a registered trademark of Asahi Glass Co. Ltd.

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.