



Vi 982 – The special FEPM compound for extreme demands

The first-class precision O-Rings and elastomer seals from COG are used for industrial applications. They must fulfill highest requirements to achieve the best possible sealing result. Especially for applications in contact with aggressive chemicals and media problems with elastomer sealing leakages can occur. For these applications the compound Vi 982 has been designed.

The compound Vi 982 with a hardness of 75 shore A is an interesting solution and a perfect choice for users with high requirements. This multi-purpose compound offers very good physical and mechanical properties. Vi 982 can still exceed the excellent chemical resistance of fluorocarbon rubber material. At the same time the good heat resistance and low temperature flexibility still remain.



Properties of Vi 982

- First-class FEPM compound
- Very good chemical resistance
- Excellent mechanical properties
- Outstanding mechanical values
- Good resistance to hot water and vapour
- Universally applicable e. g. in the chemical industry and the industrial coating technology

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Vi 982 – Resistant all-rounder for highest requirements

This first-class compound has very good material characteristics and Vi 982 can be used universally. Due to its modified polymer structure, swelling in solvents and highly basic media is significantly reduced. What's more, the material Vi 982 possesses outstanding mechanical values and good physical properties. This durable all-rounder is used in the widest-ranging areas of industry.



DATA SHEET

COG-No.:	Vi 982
Basis elastomer:	Fluorinated rubber (FEPM)
Colour:	black
Temperature range:	from -10 °C to +230 °C

Rubber technology data

Properties	Unit	Value	Testing methods
Hardness:	Shore A	75 ± 5	DIN ISO 7619-1
	°IRHD, CM	75 +3/-8	DIN ISO 48
Tear resistance:	MPa	> 16	DIN ISO 53504
Ultimate elongation:	%	> 190	DIN ISO 53504
Compression set (24 h/200 °C)	%	< 25	DIN ISO 815

The stated values do not replace the official datasheet. They are without legally binding effect and exclude liability for damages of whatever kind.

Further information about Vi 982

Very good resistance against

- complex solvent mixtures
- additives containing amines and corrosion inhibitors
- Acids and alkaline solutions

Our clients define the aims of everything we do. New ideas and products are developed quickly and in a market- and goal-oriented manner. The result is often a major market benefit to our clients. Please refer to www.cog.de or contact us directly for more information. Let's discuss your aims.

