



FKM 90 Compound 514320

ERIKS' 514320 is a standard grade FKM co-polymer compound, based on Genuine Viton® with a broad chemical resistance and good compression set values. ERIKS' standard FKM compound for high pressure applications.

Description

- Chemical composition: Co-polymer of
- Hexafluoropropylene and vindylidenefluoride Physical form: O-rings, moulded parts
- Colour: Black
- Temperature resistance: -20°C to +200°C
- Application
- Wide range of chemicals
- Hydrocarbons at high temperature
- Covalent or non polar solvents
- Fluid power
- High pressure

Compliances

- ADI
- REACH
- RoHS

Additional information

■ Wide range of O-rings available from stock

Please consult our <u>Chemical Resistance Guide</u> for more information on this compound.



Property	Test standard	Value	Unit
Hardness	ISO 48	88±5	IRHD
Elongation at break	ISO 37	120	%
Tensile strength	ISO 37	12	MPa
100% Modulus	ISO 37	9	MPa
Compression set – 24 hours at 200°C	ISO 815		
Slab		20	%

Table 2: Ageing properties

Property	Test standard	Value	Unit
Heat ageing – 70 hours at 250°C Hardness change Tensile strength change Elongation change	ISO 188	+3 +5 -7	IRHD % %
Immersion in IRM 903 oil - 70 hours at 175°C Hardness change Elongation at break change Tensile strength change Volume change	ISO 1817	-1 -2 -17 +1.4	IRHD % % %

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