

FKM 60 Compound 51466



ERIKS' 51466 is a standard grade FKM co-polymer based on Genuine Viton® with a broad chemical resistance and good compression set values.

Description

Chemical composition: Co-polymer of Hexafluoropropylene and vinylidene fluoride.

Physical form: O-rings, moulded parts

Colour: Black

Temperature resistance: -20°C to +200°C

Approvals and compliances

- ADI
- REACH
- RoHS

Application

- Wide range of chemicals
- Hydrocarbons at high temperatures
- Covalent or non covalent solvents
- Vacuum

Please consult our [Chemical Resistance Guide](#) for more information on this compound.



Table 1: Physical properties

Property	Test standard	Value	Unit
Hardness	ASTM D2240	62±5	Shore A
Elongation at break	ASTM D412	315	%
Tensile strength	ASTM D412	10.17	MPa
100% Modulus	ASTM D412	2.68	MPa
Compression set – 24 hours at 200°C Slab	ASTM D395	13.7	%

Table 2: Ageing properties

Property	Test standard	Value	Unit
Heat ageing – 70 hours at 250°C	ASTM D573		
Hardness change		0	Shore A
Elongation at break change		+3	%
Tensile strength change		-4	%