

FKM 75 Compound 514010



ERIKS' 514010 is a specialist grade FKM co-polymer compound, based on Genuine Viton® with a broad chemical resistance and good compression set values. The compound is specially developed for pharmaceutical applications.

Description

Chemical composition: Co-polymer of Hexafluoropropylene and vinylidene fluoride

Physical form: O-rings

Colour: white

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

Compliances

- USP Class VI
- FDA 21 CFR 177.2600
- EC1935:2004
- ADI
- REACH
- RoHS

Application

- Pharmaceutical
- Food contact

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



Table 1: Physical properties

Property	Test standard	Value	Unit
Hardness	ISO 48	75±5	IRHD
Elongation at break	ISO 37	200	%
Tensile strength	ISO 37	10	MPa
Compression set – 24 hours at 200°C Slab	ISO 815	14	%

Table 2: Ageing properties

Property	Test standard	Value	Unit
Heat ageing – 72 hours at 250°C	ISO 188		
Hardness change		+10	IRHD
Elongation at break change		-25	%
Tensile strength change		-25	%