

FKM 75 Compound 514672



ERIKS' 514672 is a specialist grade FKM co-polymer with a broad chemical resistance and good compression set values. The compound is specially developed for food contact and has FDA CFR 21§177.2600 and EC1935:2004 compliance.

Description

Chemical composition: Co-polymer of Hexafluoropropylene and vinylidene fluoride
Physical form: O-rings, moulded parts
Colour: White
Temperature resistance: -20°C to +200°C

Application

- Food contact

Compliances

- FDA 21 CFR 177.2600
- EC1935:2004
- ADI
- REACH
- RoHS

Additional information

- Extraction tested

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



Table 1: Physical properties

Property	Test standard	Value	Unit
Hardness	ISO 48	70±5	IRHD
Elongation at break	ISO 37	271	%
Tensile strength	ISO 37	14.2	MPa
Compression set – 24 hours at 175 °C Slab	ISO 815	9.4	%

Table 2: Ageing properties

Property	Test standard	Value	Unit
Heat ageing – 70 hours at 200°C	ISO 188		
Hardness change		+3	IRHD
Elongation at break change		-18	%
Tensile strength change		+3	%