



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 vindylidenefluoride 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.



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	ISO 815		
Slab		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	%

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