



FKM 70 Compound 514641

514641 is a specialist grade FKM co-polymer with a broad chemical resistance and good compression set values. The compound is specially developed for European and US food and dairy applications.

Characteristics

- Colour: Black
- Temp. resistance low: -20 °C
- Temp. resistance high: 200 °C
- Hardness tolerance: -5/+5



Approval & Compliancy details

For Food & Beverage compliances, see Declaration of Compliance for typical application of the compound.

- 3-A Class I
- AfPS GS 2014:01 Cat. 1
- EC1935:2004
- FDA 21CFR177.2600 a-d, e, f
- REACH
- RoHS

Products

- O-rings and custom parts (moulded)

Table: Physical Properties

Property	Value	Unit
Hardness Shore A - Slab	69.5	
Hardness - Test standard	ASTM D2240	
Elongation at break	213	%
Elongation at break - Test standard	ASTM D412	
Tensile strength	15.35	MPa
Tensile strength - Test standard	ASTM D412	
100% Modulus	6.63	MPa
100% Modulus - Test standard	ASTM D412	