

FKM 75 Compound 514683



ERIKS' 514683 is a specialist grade FKM terpolymer compound, based on Genuine Viton® GF with the broadest chemical resistance and good compression set values. The compound is specially developed for food contact and has FDA CFR 21§177.2600 conformity.

Description

Chemical composition: Ter-polymer of Tetrafluoroethylene, vinylidene fluoride and hexafluoropropylene

Physical form: O-rings, moulded parts

Colour: Black

Temperature resistance: -10°C to +200°C

Application

- Food contact
- Wide range of chemicals

Compliances

- FDA 21 CFR 177.2600
- ADI free
- REACH
- RoHS

Additional information

- FDA 21 CFR 177.2600 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 7619	76±5	IRHD
Elongation at break	ISO 37	240	%
Tensile strength	ISO 37	27.6	MPa
Compression set – 24 hours at 175°C	ISO 815		
Slab		10.2	%
Low temperature resistance TR10	ISO 2921	-6	°C

Table 2: Ageing properties

Property	Test standard	Value	Unit
Heat ageing – 70 hours at 200°C	ISO 188		
Hardness change		-2	IRHD
Elongation at break change		+18	%
Tensile strength change		+1	%