

FKM 75 Compound 514273

ERIKS' 514273 is a specialist grade FKM co-polymer especially developed for gas distribution applications.



Description

Chemical composition: Co-polymer of Hexafluoropropylene and vinylidene fluoride

Physical form: O-rings, moulded parts

Colour: Black

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

Compliances

- EN549 E1 H3
- ADI
- REACH
- RoHS

Application

- Gas distribution

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



Table 1: Physical properties

Property	Test standard	Value	Unit
Hardness	ISO 48	76	IRHD
Elongation at break	ISO 37	258	%
Tensile strength	ISO 37	19.5	MPa
Compression set – 24 hours at 200°C Slab	ISO 1817	17	%

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		+42	%
Tensile strength change		-20	%