

EPDM 70 Compound 559272



ERIKS' 559272 is a specialist grade peroxide cured EPDM compound developed for contact with foodstuff and has FDA 21 CFR 177.2600 and EC1935:2004 conformity.

Description

Chemical composition: Terpolymer of ethylene, propylene and diene

Physical form: O-rings, moulded parts

Colour: White

Temperature resistance: -30°C to +125°C

Compliances

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

Application

- Food contact

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	69±5	Shore A
Elongation at break	ISO 37	230	%
Tensile strength	ISO 37	14	MPa
100% Modulus	ISO 37	4	MPa
Compression set – 24 hours at 100°C Slab	ISO 815	22	%

Table 2: Ageing properties

Property	Test standard	Value	Unit
Heat ageing – 70 hours at 125°C	ISO 188		
Hardness change		+6	Shore A
Elongation at break change		-38	%
Tensile strength change		-11	%