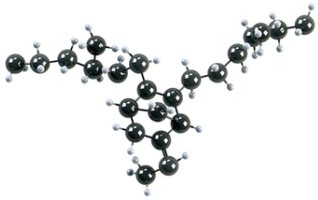
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EPDM 70 Compound 55914

ERIKS' 55914 is a standard grade EPDM compound, a sulphur cured terpolymer with good ozone and weathering resistance.REACH EU compliance only for items that do not come frequently in contact with the skin or oral cavity under normal or reasonably foreseeable conditions of use

Characteristics

- Colour: Black
- Temp. resistance low: -55 °C
- Temp. resistance high: 130 °C
- Hardness tolerance: -5/+5

Approval & Compliancy details

- POP EU2019/1021
- REACH EU
- RoHS EU
- TSCA 6(h)

Industries

- General Industry

Products

- Custom parts (moulded)
- O-rings (moulded)

Table: Physical Properties

Property	Value	Unit
Hardness IRHD - Slab	69	
Hardness - Test standard	ISO48	
Compression set - O-ring 3.53mm	26	%
Compression set - Slab	16	%
Compression set - Duration @ temperature	22 hours at 100°C	
Compression set Test standard	ISO815	
Elongation at break	250	%
Elongation at break - Test standard	ISO37	
Tensile strength	10	MPa
Tensile strength - Test standard	ISO37	

Table: Properties in Air

Property	Value	Unit
Properties in Air - Test standard	ISO 188	
Properties in Air - Duration @ temp	70 hours at 70°C	
Properties in Air - Tensile strength change	-10	%

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Table: Properties in Air

Property	Value	Unit
Properties in Air - Elongation change	15	%
Properties in Air - Hardness IRHD change	4	

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