

EPDM 70 COMPOUND 55914

EPDM 55914 is a standard grade, sulphur cured Terpolymer with good ozone and weathering resistance.

DESCRIPTION

- **Chemical composition:** Terpolymer of ethylene, propylene and diene
- **Physical form:** O-rings, moulded parts
- **Colour:** Black
- **Temperature resistance:** --55°C to +130 °C

APPLICATIONS

- General purpose

COMPLIANCES

- ADI
- REACH
- RoHS

ADDITIONAL INFORMATION

- Wide range of O-rings available from stock.

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	IRHD
Elongation at break	ISO 37	250	%
Tensile strength	ISO 37	10	MPa
Compression set – 24 hours at 100°C Slab	ISO 815	16	%

TABLE 2: AGEING PROPERTIES

PROPERTY	TEST STANDARD	VALUE	UNIT
Heat ageing – 70 hours at 70°C	ISO 188		
Hardness change		+4	IRHD
Elongation at break change		+15	%
Tensile strength change		-10	%

Note: These figures are for guidance only. Service life will depend on type of application, whether static or dynamic, specific pressure medium, temperature cycle, time of exposure, etc.