



FKM 75 Compound 51416

51416 is a standard grade FKM co-polymer compound with a broad chemical resistance and good compression set values. In the colour brown for easy identification. Formerly known as ERIKS' 51414 brown.

Characteristics

- Colour: Brown
- Temp. resistance low: -20 °C
- Temp. resistance high: 200 °C
- Hardness tolerance: -5/+5

Approval & Compliancy details

- REACH
- RoHS

Products

- O-rings and custom parts (moulded)



Table: Physical Properties

Property	Value	Unit
Hardness IRHD - Slab	74	
Hardness - Test standard	ISO48	
Compression set - O-ring 3.53mm	25	%
Compression set - Slab	21	%
Compression set - Duration @ temperature	24 hours at 200°C	
Compression set Test standard	ISO815	
Elongation at break	175	%
Elongation at break - Test standard	ISO37	
Tensile strength	14.5	MPa
Tensile strength - Test standard	ISO37	
100% Modulus	8	MPa
100% Modulus - Test standard	ISO37	
TR10 Low temperature resistance	-17	°C
TR10 Low temperature resistance - Test standard	ISO2921	