

Silicone 60 Compound 714166

ERIKS' 714166 is a standard grade silicone compound for general purpose usage and has FDA 21 CFR 177.2600 and EC1935:2004 compliance.



Description

- **Chemical composition:** Methyl-vinyl silicone rubber
- **Physical form:** O-rings, moulded parts
- **Colour:** Rust
- **Temperature resistance:** -60°C to +220°C

Application

- General purpose
- Food contact
- Low and high temperature

Compliances

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

Additional information

- O-rings available from stock
- 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	62±5	IRHD
Elongation at break	ISO 37	250	%
Tensile strength	ISO 37	6.5	MPa
Compression set – 24 hours at 175°C	ISO 815		
Slab		20	%
Low temperature resistance TR10	ISO 2921	-40	°C

Table 2: Ageing properties

Property	Test standard	Value	Unit
Heat ageing – 70 hours at 225°C	ISO 188		
Hardness change		+5	IRHD
Elongation at break change		-28	%
Tensile strength change		-17	%
Weight change		-2.5	%