

FVMQ 70 Compound 701966



ERIKS' 701966 is specialist grade Fluorsilicone (FVMQ) compound with excellent low and high temperature- as well as carbon fluid resistance.

Description

- **Chemical composition:** Methyl-vinyl silicone rubber with fluoroine group
- **Physical form:** O-rings
- **Colour:** Blue
- **Temperature resistance:** -60°C to +190°C

Compliances

- ADI
- REACH
- RoHS

Applications

- General purpose
- Low and high temperature
- Hydro carbon fluids

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	210	%
Tensile strength	ISO 37	7.5	MPa
Compression set – 24 hours at 175°C Slab	ISO 815	24	%

Table 2: Ageing properties

Property	Test standard	Value	Unit
Heat ageing – 70 hours at 200°C			
Hardness change	ASTM D573	+4	Shore A
Elongation change		-28	%
Tensile strength change		-15	%
Weight change		-1	%
Immersion in ASTM oil #1 – 70 hours at 150°C			
Hardness change	ISO 1817	-6	Shore A
Elongation change		-12	%
Tensile strength change		-12	%
Volume change		+5	%

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