

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 fluorine group
Physical form: O-rings
Colour: Blue
Temperature resistance: -60°C to + 190°C

Compliances

- ADI
- REACH
- RoHS
- MIL DTL 25988 C Class 1 Type 1

Applications

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



Table 1: Physical properties

Property	Test standard	Value	Unit
Hardness	ASTM D2240	69±5	Shore A
Elongation at break	ASTM D412	210	%
Tensile strength	ASTM D412	7,5	MPa
Compressionset – 22 hours at 175°C	ASTM D395/B	20	%

Table 2: Ageing properties

Property	Test standard	Value	Unit
Heat ageing – 70 hours at 200°C	ASTM D573		
Hardness change		+4	Shore A
Elongation at break change		-18	%
Tensile strength change		-15	%
Weight Change		-1	%
Immersion in ASTM oil #1 – 70 hours at 200°C	ASTM D471		
Hardness change		-6	Shore A
Elongation at break change		-12	%
Tensile strength change		-12	%
Volume change		+5	%