

FVMQ Silicone 70 701966 blue - technical Data Sheet**1. Introduction**

Silicone compound 701966 is a fluorsilicone rubber with general purpose quality.

2. Product Description

Chemical Composition : Low Compression Set Fluorsilicone (FVMQ)
 Physical form : O-Rings
 Colour : Blue
 Storage stability * : ± 20 years

*: Following DIN 7716 conditions

3. Physical Properties

Test Method	Norm	Test Values
Specific Weight	ISO 2781	1,47
Hardness	ISO 868	70 ± 5 Shore A
Tensile Strength at break	ISO 37	9,36 MPa
Elongation at break	ISO 37	231%
Compression Set, 22h/175°C	ISO 815	16%
Heat Ageing, 70h/200°C	ASTM D 573	
Hardness Change		+4
Elongation Change		-18%
Tensile Strength Change		-15 %
Weight Change		- 0,9%
Immersion in Oil AMS 3021, 70h/150°C	ISO 1817	
Hardness Change		-9
Tensile Strength Change		-39%
Elongation Change		-24%
Volume Change		+11,2%
Compression Set		23,5%
Immersion in TT-S735 type III Fuel 22h/24°C		
Hardness Change		-13
Tensile Strength Change		-41%
Elongation Change		-34%
Volume Change		+22,8%
4. Temperature Resistance		
• -60° to +190°C		
• Low temp. resistance TR10 = -61,9°C		

5. Advantages

Very good use in transformer oils, dry heat, ozone and sunlight