

## FVMQ Silicone 70 614001 blue - Technical Data Sheet

### 1. Introduction

Silicone compound 614001 is a Methyl Vinyl Silicone rubber with general purpose quality.

### 2. Product Description

Chemical Composition :	Low Compression Set Fluorsilicone (FVMQ)
Physical form :	Mouldings / O-Rings / Vulc-O-Rings / Extrusions
Colour :	Blue
Storage stability * :	± 10 years

\* : Following DIN 7716 conditions

### 3. Physical Properties

Test Method	Norm	Test Values
Specific Weight	ISO 2781	1,6
Hardness	ISO 868	70 ± 5 Shore A
Tensile Strength at break	ISO 37	6,8 MPa
Elongation at break	ISO 37	195%
Compression Set, 22h/175°C	ISO 815	22%
Heat Ageing, 70h/200°C	ASTM D 573	
Hardness Change		+2
Elongation Change		-10%
Tensile Strength Change		-16 MPa
Immersion in Oil ASTM 3, 70h/150°C	ISO 1817	
Hardness Change		-3
Tensile Strength Change		-17%
Elongation Change		±3
Volume Change		+3,6%

### 4. Temperature Resistance

- -55° to +220°C