

VMQ Silicone 70 714625 red - Technical Data Sheet

1. Introduction

Silicone compound 714625 red is a Methyl Vinyl Silicone rubber with homologations. In conformity with FDA 21 CFR 177.2600 and DVGW.

2. Product Description

Chemical Composition :	Methyl Vinyl Silicone Rubber
Physical form :	O-Rings / Mouldings
Colour :	Red RAL 3000
Storage stability* :	Excellent

* : Following ISO 2230 conditions

3. Physical Properties

Test Method	Norm	Test Values
Specific Weight	ISO 2781	1,35
Hardness	DIN 5350	70° ± 5° Shore A
Tensile Strength at break	ISO 37	7 MPa
Elongation at break	ISO 37	150%
Compression Set 22h/175°C, on slab	ISO 815 B	20%
Heat Ageing, 72h/200°C	ISO 188	
Hardness Change		+3°
Elongation Change		-31%
Tensile Strength Change		-15 %
Ozone test 70h/50°C 50 pphm / 50% along.		Pass

4. Temperature Resistance

- -60° to +220°C

5. Chemical Resistance

SIP	: very good
CIP	: bad
Heat Aging	: excellent
Sterilisation	: excellent

6. Advantages

- For food, beverage and pharmaceutical industry.

7. Other Information

- In conformity with FDA 21 CFR 177.2600 and DVGW (DIN EN 549 D2 (-20/+125°C) H3 N° NG-5115AU0409). Certificates on demand.
- This compound is ADI (Animal Derived Ingredient Free).

