VMQ Silicone 714788 - Technical Data Sheet

1. Introduction

Silicone compound 714788 is in compliance with FDA 177.2600 for food and pharma. Peroxide cured.

2. Product Description

Chemical Composition	:	Vinyl Methyl Silicone
Physical form	:	O-Rings / Mouldings
Colour	:	Red
Odour	:	None
Storage stability *	:	± 10 years

* : Following ISO 2230 conditions

3. Physical Properties

Test Method	*Norm*	*Test Values*
Hardness	ISO 48 Method M	80° ± 5° IRHD
Tensile Strength at break	ISO 37	min 8 MPa
Elongation at break	ISO 37	min 250%
Specific Weight	ISO 2781	1,17
Compression Set 25% compression - 22h/175°C on O-Ring (3,53 mm)	ISO 815	max 20%
Heat Ageing 70h/200°C Hardness Change	ISO 188	max +4°

4. Temperature Resistance

- -60° to +200°C continuous

5. Chemical Resistance

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

6. Advantages

- Low compressio set
- Migration tested in compliance with FDA 177.2600 class 1 (certificates on request)

7. Other Information

- Other colours on demand
- This compound is ADI (Animal Derived Ingredient Free).

This information is, to the best of our knowledge, accurate and reliable to the date indicated. The above mentioned data have been obtained by tests we consider as reliable. We don't assure that the same results can be obtained in other laboratories, using different conditions by the preparation and evaluation of the samples.