



# Silicone WS 2004 - Technical Data Sheet

## 1. Introduction

Silicone compound WS 2004 is in compliance with FDA 177.2600 for food and pharma. Peroxide cured.

## 2. Product Description

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

## 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 240%
Specific Weight	ISO 2781	1,17
Compression Set	ISO 815	
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 +5°



## 5. Chemical Resistance

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

## 4. Temperature Resistance

• -60° to +200°C continuous

## 6. Advantages

• Good compression set

## 7. Other Information

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

