



Silicone WS 2002 - Technical Data Sheet

1. Introduction

Peroxide cured, translucent silicone rubber, 65-75° IRHD. Silicone rubber having both Methyl and Vinyl substituent groups on the polymer chain. Silicone compound in conformity with USP XXIII class VI. Formulated using only those ingredients authorised by BGVV XVA and FDA CFR21 Section 177.2600.

2. Product Description

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

3. Physical Properties

Test Method	Norm	Test Values
Hardness	ISO 48 Method M	70 ± 5 IRHD
Tensile Strength at break	ISO 37	9,5 MPa
Elongation at break	ISO 37	450%
Compression Set Method B - 24h/175°C	ISO 815	42%
Low temperature resistance	ISO 188	Non brittle after 3 minutes at -60°C



5. Chemical Resistance

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

4. Temperature Resistance

• -60° to +200°C

6. Advantages

- Excellent mechanical, physical and chemical stability over the temperature range of -60° to +200°C.
- Excellent behaviour when sterilised.
- High transparency grade, intended for food contact, pharmaceutical and biomedical applications.
- Certificates on demand.

