



Certificate Of Conformity



SILICONE WSDS (WESTERN STATIC DISSIPATIVE SILICONE SHEET)

1. INTRODUCTION

PEROXIDE CURED, GREY 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 & FDA CFR21 SECTION 1777.2600**

2. PRODUCT DESCRIPTION

CHEMICAL COMPOSITION

VINYL METHYL SILICONE RUBBER

PHYSICAL FORM

O-RING

COLOUR

MOULDINGS

ODOUR

GREY

STORAGE STABILITY

NONE

10 YEARS

TEST METHOD	NORM	TEST VALUES
HARDNESS	M	70 + 5 I RHD
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% NON BRITTLE AFTER 3 MINUTES
LOW TEMP RESISTANCE	ISO 188	SAME
	ISO 48 METHOD	
SURFACE RESISTIVITY	ASTM D 257	8.3×10^6
VOLUME RESISTIVITY	ASTM D 257	2.3×10^7

4. TEMPERATURE RESISTANCE

- 60 TO +200°C

5. CHEMICAL RESISTANCE

- SIP: VERY GOOD
- CIP: BAD
- HEAT AGING: EXCELLENT
- STERILIZATION: EXCELLENT

6. ADVANTAGES

- EXCELLENT MECHANICAL PROPERTIES USED FOR STATIC DISCHARGE, PHYSICAL AND CHEMICAL STABILITY OVER TEMPERATURE RANGE OF -60 TO +200 C
- EXCELLENT BEHAVIOUR WHEN STERILISED
- HIGH TRANSPERANCY GRADE, INTENDED FOR FOOD, PHARMACEUTICAL & BIOMEDICAL APPLICATIONS
- CERTIFICATES ON DEMAND

Certified by

For **WESTERN POLYRUB INDIA PVT LTD**

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