

VMQ Silicone Cord 714217 - Technical Data Sheet

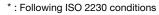
1. Introduction

Silicone compound ST-EC-60-001 is in compliance with FDA 177.2600, USP VI and Bfr for food, pharma and medical applications. Peroxide cured. Standard cord quality compound.



2. Product Description

Physical form :	Extrusions	
Colour :	Translucent	
Odour :	None	
Storage stability * :	± 10 years	





3. Physical Properties

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Test Method	Norm	Test Values
Hardness	ISO 48 Method M	60 ± 5 IRHD
Tensile Strength at break	ISO 37	min 10 MPa
Elongation at break	ISO 37	min 450%
Specific Weight	ISO 2781	1,17
Compression Set	ISO 815	
25% compression - 22h/175°C		
on O-Ring (3,53 mm)		25%



4. Temperature Resistance

• -60° to +200°C

5. Chemical Resistance

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

6. Advantages

- Good compression set
- Stock item in standard cord dimension
- USP Class VI, FDA 177.266, BfR-conform
- Migration tested in compliance with FDA 177.2600 class 1 (certificate on request)
- 3-A 18-03 compliant to class 1

7. Other Information

- Tolerances in compliance with ISO 3302-1E2
- Other colours on demand
- This compound is ADI (Animal Derived Ingredient Free).



