



Ami Polymer Pvt Ltd.

Plot No. 66-D/E, Govt. Industrial Estate, Masat, Silvassa, 396230, DNH

Technical Data Sheet

Introduction

Product Name: Imapure® Platinum cured Silicone Transparent tube

Chemical Composition: Polydimethylsiloxane.

Odor: None

Appearance: Translucent

Storage Stability: Excellent (room temperature 25° - 30°C)

Physical properties

Sr. No.	Technical Data	Test method	Unit	Specification
1	Hardness	ASTM D 2240	Shore A°	60-65
2	Specific Gravity	ASTM D 792	-	1.15
3	Tensile Strength (Min)	ASTM D 412	kg/cm ²	95
4	Elongation at Break (Min)	ASTM D 412	%	300
5	Compression Set (175°C, 20 hr.)	ASTM D 395	%	15-25
6	Tear Strength (min)	ASTM D 624 Die C	Kg/cm	25

Features

1. Manufactured and packaged in Clean room of Class 7.
2. Service temperature range from -60° to +204°C.
3. Complies with
 - FDA 21 CFR 177.2600
 - EP 3.1.9
 - USP class VI
 - ISO 10993
 - German BfR XV
 - Frances Arrette du 25
 - Phthalate free / Bisphenol Free
 - TSE/ BSE free
 - ISO 13485
 - BPA free
 - RoHS Compliant
 - REACH Compliant
 - USP 381
 - USP 661

4. Dimensionally accurate & excellent workmanship and finish
5. DMF certified product (DMF No: 26210)
6. NSF-51 certified silicone resin
7. Sterilizable by using different techniques like autoclaving, Ethylene oxide, Gamma radiation
8. Customized dimension and hardness available

Application

Specially designed for peristaltic pump and fluid transfer in pharmaceutical & biotech applications.

Note: Electronically approved by Quality Assurance