



Ami Polymer Pvt Ltd.

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

Technical Data Sheet

Introduction

Product Name: Imapure® EPL 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±5
2	Specific Gravity	ASTM D297	Gm/CC	1.17±0.05
3	Tensile Strength (Min)	ASTM D 412	kg/cm2	70
4	Elongation at Break (Min)	ASTM D 412	%	300
5	Tear Strength(min)	ASTM D 624 Die C	Kg/cm	10
6	Compression Set (175°C, 22 hr.)	ASTM D 395	%	10-20

- Features: -**
1. Manufactured and packaged in Clean room of Class 7.
 2. Service temperature range from -60° to +180°C.
 3. Complies with
 - FDA 21 CFR 177.2600
 - USP class VI
 - Phthalate free / Bisphenol Free
 - TSE/ BSE free
 - ROHS
 4. Sterilizable by using different techniques like autoclaving, Gamma irradiation
 5. Customized dimension and hardness available

Application: -

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

Note: Electronically approved by Quality Assurance