



Ami Polymer Pvt Ltd.

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

Technical Data Sheet

Introduction

Chemical Composition: Imapex™ Silicone transparent tube

Odor: None

Appearance: Transparent

Storage Stability: Excellent (room temperature 25° - 27°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 297	Gm/cc	1.17±0.05
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. Good flex fatigue resistance enhance peristaltic pump life.
2. Service temperature range from -55° to +180°C.
3. Complies with
 - FDA 21CFR 177.2600
 - Phthalate free / Bisphenol Free
 - TSE/ BSE free
 - RoHS
4. Dimensionally accurate & excellent workmanship and finish.
5. Sterilisable by using different techniques like autoclaving, Ethylene oxide, Gamma radiation.
6. Customized dimension and hardness.

Application

Specially designed for peristaltic pump and fluid transfer for non-critical applications.

Note: Electronically approved
Quality Assurance