



Compound
49759
USP CLASS VI SILICONE
70 DUROMETER
RED COLOR

PRODUCT DATA SHEET

Compound 49759 is a 70 durometer red colored USP VI Silicone elastomer.

This compound will meet or exceed the specifications listed and has the following physical properties:

United States Pharmacopeia (USP), Class V & VI
European Pharmacopeia (EP) (Ph.Eur.)
EP - Volatile Matter
EP - Substances soluble in Hexane
21CFR177.2600

This Compound is RoHS Compliant



Original Properties

Tensile Strength	1,017 psi	7.0 MPa
Ultimate Elongation	672 %	
Hardness, Shore A	74 Durometer	
Specific Gravity	1.20 grams/cc	
Tear Resistance, Die B	254 ppi	44.5 kN/m

30-Day Implant

Exceeds USP VI PASS

SKIN SENSITIZATION

PASS

CYTOTOXICITY

PASS