



Compound
49859
 USP CLASS VI SILICONE
 80 DUROMETER
 RED COLOR

PRODUCT DATA SHEET

Compound 49859 is an 80 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	1,066 psi	7.4 MPa
Ultimate Elongation	500 %	
Hardness, Shore A	82 Durometer	
Specific Gravity	1.20 grams/cc	
Tear Resistance, Die B	127 ppi	22.2 kN/m

30-Day Implant

Exceeds USP VI PASS

SKIN SENSITIZATION

PASS

CYTOTOXICITY

PASS