



Compound  
**49862**  
USP CLASS VI SILICONE  
80 DUROMETER  
BLUE COLOR

**PRODUCT DATA SHEET**

Compound 49862 is an 80 durometer blue 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