



Compound  
**49729**  
 USP CLASS VI SILICONE  
 70 DUROMETER  
 BLACK COLOR

**PRODUCT DATA SHEET**

Compound 49729 is a 70 durometer black 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