



Compound
49529
USP CLASS VI SILICONE
50 DUROMETER
BLACK COLOR

PRODUCT DATA SHEET

Compound 49529 is a 50 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	1,269 psi	8.8 MPa
Ultimate Elongation	847 %	
Hardness, Shore A	50 Durometer	
Specific Gravity	1.12 grams/cc	
Tear Resistance, Die B	216 ppi	37.8 kN/m

30-Day Implant

Exceeds USP VI PASS

SKIN SENSITIZATION

PASS

CYTOTOXICITY

PASS