



Compound
49523
 USP CLASS VI SILICONE
 50 DUROMETER
 GREEN COLOR

PRODUCT DATA SHEET

Compound 49523 is a 50 durometer green 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