



Compound
49526
 USP CLASS VI SILICONE
 50 DUROMETER
 CLEAR COLOR

PRODUCT DATA SHEET

Compound 49526 is a 50 durometer clear colored USP Class VI Silicone elastomer. This compound is platinum cured.

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