



Compound
49856
USP CLASS VI SILICONE
80 DUROMETER
YELLOW COLOR

PRODUCT DATA SHEET

Compound 49856 is an 80 durometer yellow 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