

Compound
49549
BIOMEDICAL GRADE ETR SILICONE
55 DUROMETER
RED COLOR

PRODUCT DATA SHEET

Compound 49549 is a 55 durometer red colored BioMedical Grade enhanced tear resistant Silicone. It also meets the requirements of USP Class V & VI.

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	1,444 psi	10.0 MPa
Ultimate Elongation	647 %	
Hardness, Shore A	57 Durometer	
Specific Gravity	1.16 grams/cc	
Tear Resistance, Die B	265 ppi	46.4 kN/m

Compression Set

Plied: 22 hrs @ 350°F (177°C) 45.8 %

30-Day Implant

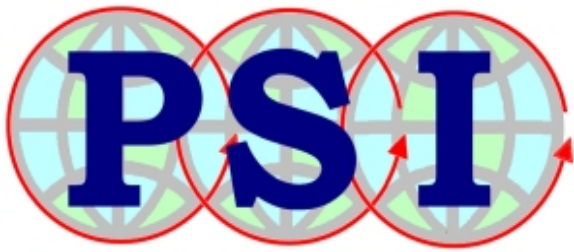
Exceeds USP VI PASS

SKIN SENSITIZATION

PASS

CYTOTOXICITY

PASS



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PYROGENICITY (USP)

PASS

HEMOLYSIS

PASS

MUTAGENICITY/GENOTOXITY

PASS