

Compound
49770
BIOMEDICAL GRADE ETR SILICONE
75 DUROMETER
CLEAR COLOR

PRODUCT DATA SHEET

Compound 49770 is a 75 durometer clear colored BioMedical 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	1,085 psi	7.5 MPa
Ultimate Elongation	649 %	
Hardness, Shore A	75 Durometer	
Specific Gravity	1.20 grams/cc	
Tear Resistance, Die B	225 ppi	39.4 kN/m

Compression Set

Plied: 22 hrs @ 350°F (177°C) 76.2 %

30-Day Implant

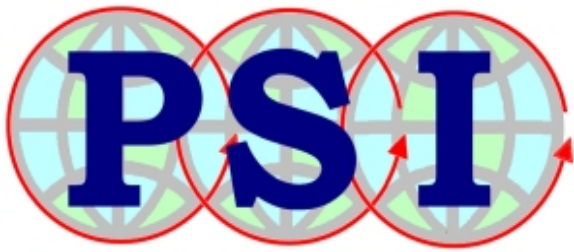
Exceeds USP VI PASS

SKIN SENSITIZATION

PASS

CYTOTOXICITY

PASS



Compound
49770
BIOMEDICAL GRADE ETR SILICONE
75 DUROMETER
CLEAR COLOR

PRODUCT DATA SHEET

PYROGENICITY (USP)

PASS

HEMOLYSIS

PASS

MUTAGENICITY/GENOTOXITY

PASS