



Compound
49470
BIOMEDICAL GRADE ETR SILICONE
40 DUROMETER
CLEAR COLOR

PRODUCT DATA SHEET

Compound 49470 is a 40 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	1,210 psi	8.3 MPa
Ultimate Elongation	833 %	
Hardness, Shore A	44 Durometer	
Specific Gravity	1.12 grams/cc	
Tear Resistance, Die B	197 ppi	34.5 kN/m

Compression Set

Plied: 22 hrs @ 350°F (177°C) 34.9 %

30-Day Implant

Exceeds USP VI PASS

SKIN SENSITIZATION

PASS

CYTOTOXICITY

PASS



Compound

49470

BIOMEDICAL GRADE ETR SILICONE
40 DUROMETER
CLEAR COLOR

PRODUCT DATA SHEET

PYROGENICITY (USP)

PASS

HEMOLYSIS

PASS

MUTAGENICITY/GENOTOXITY

PASS