



Compound  
**49650**  
SILICONE  
60 DUROMETER  
TRANSLUENT COLOR

**PRODUCT DATA SHEET**

Compound 49650 is a 60 durometer translucent colored Silicone elastomer.

This compound has the following physical properties:

**This Compound is RoHS Compliant**



**Original Properties**

Modulus @ 100% Elongation	272	psi	1.9	MPa
Tensile Strength	1,339	psi	9.2	MPa
Ultimate Elongation	611	%		
Hardness, Shore A	60	Durometer		
Specific Gravity	1.16	grams/cc		
Brittleness Temperature	< -107	°F	< -77	°C
Tear Resistance, Die B	238	ppi	41.7	kN/m
Tear Resistance, Die C	235	ppi	41.2	kN/m

**Compression Set**

Plied: 22 hrs @ 347°F (175°C) 20.4 %

**HEAT AGED: 70 hrs @ 392°F (200°C)**

Change - Tensile Strength	- 19.4 %
Change - Elongation	- 25.9 %
Change - Hardness, Shore A	+ 2

**HEAT AGED: 70 hrs @ 437°F (225°C)**

Change - Tensile Strength	- 47.4 %
Change - Elongation	- 85.6 %
Change - Hardness, Shore A	+ 15

**DISTILLED WATER AGED: 70 hrs @ 212°F (100°C)**

Change - Hardness, Shore A	0
Change - Volume	+ 0.4 %