



Compound

**19348****SILICONE  
30 DURO - SALMON COLOR  
FDA SANCTIONED MAT'Ls****PRODUCT DATA SHEET**

Compound 19348 is a 30 durometer salmon colored Silicone elastomer, it is formulated with FDA sanctioned materials. It exhibits good resistance to heat and compression set. It has good low temperature flexibility.

This compound has the following physical properties:

**Original Properties**

Modulus @ 100% Elongation	69 psi	0.5 MPa
Tensile Strength	937 psi	6.5 MPa
Ultimate Elongation	810 %	
Hardness, Shore A	34 Durometer	
Specific Gravity	1.10 grams/cc	
Brittleness Temperature	< -125 °F	< -87 °C
Tear Resistance, Die B	55 ppi	9.6 kN/m
Tear Resistance, Die C	62 ppi	10.9 kN/m

**Compression Set**

Solid: 22 hrs @ 347°F (175°C)	12.6 %
Plied: 22 hrs @ 347°F (175°C)	13.6 %

**HEAT AGED: 70 hrs @ 392°F (200°C)**

Change - Tensile Strength	+ 32.2 %
Change - Elongation	+ 3.7 %
Change - Hardness, Shore A	+ 3

**HEAT AGED: 70 hrs @ 437°F (225°C)**

Change - Tensile Strength	+ 5.9 %
Change - Elongation	- 2.5 %
Change - Hardness, Shore A	+ 3

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

Change - Hardness, Shore A	0
Change - Volume	- 0.5 %

**ASTM OIL #1: 70 hrs @ 302°F (150°C)**

Change - Tensile Strength	+ 22.9 %
Change - Elongation	+ 4.9 %
Change - Hardness, Shore A	- 8
Change - Volume	+ 3.4 %