



Compound
19234
SILICONE
20 DUROMETER
SALMON COLOR

PRODUCT DATA SHEET

Compound 19234 is a 20 durometer salmon colored Silicone elastomer.

This compound has the following physical properties:

Original Properties

Modulus @ 100% Elongation	52 psi	0.4 MPa
Tensile Strength	403 psi	2.8 MPa
Ultimate Elongation	714 %	
Hardness, Shore A	20 Durometer	
Specific Gravity	1.06 grams/cc	
Brittleness Temperature	< -93 °F	< -70 °C
Tear Resistance, Die B	204 ppi	6.3 kN/m
Tear Resistance, Die C	60 ppi	10.5 kN/m

Compression Set

Solid: 22 hrs @ 212°F (100°C) 12.8 %

HEAT AGED: 70 hrs @ 302°F (150°C)

Change - Tensile Strength - 11.7 %
Change - Elongation + 1.8 %
Change - Hardness, Shore A + 3

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

Change - Hardness, Shore A + 2
Change - Volume + 0.6 %

ASTM OIL #1: 70 hrs @ 302°F (150°C)

Change - Tensile Strength - 7.9 %
Change - Elongation - 5.6 %
Change - Hardness, Shore A - 2
Change - Volume + 5.1 %