



## OIL RESISTANT SILICONE RUBBER SN-707/60,70,80

### Description:

SX-707/60,70,80 are specially designed silicone rubber compound for the better oil resistance specially to the ASTM#1 oil than other general silicone rubber grades.

### Product Features:

- Specially designed for oil resistance.
- Excellent all properties.
- Excellent for compression molding and extrusion.

### Typical Applications:

- O-Ring , Automotive rubber parts, seals.

### Properties:

Catayst : HC-8, 1.8phr (171 °C \*10 min/200 °C \*4hrs)

Properties		HR-707/60	HR-707/70	HR-707/80
color		Gray White	Gray White	Gray White
Williams plasticity		250	270	300
Specific Gravity (25°C)		1.23	1.32	1.40
Hardness (Shore A)		61	71	81
Tensile Strength (kgf/cm <sup>2</sup> )		55	65	60
Elongation (%)		250	200	150
Tear strength	"B"	15	15	15
	"C"	16	16	16
Rebound (%)		60	60	58
Compression Set (%)		33	35	38
<b>OIL IMMERSION TEST 150 °C /72 hrs.</b>				
ASTM #1 OIL	Change in Hardness (point)	-3	-2	-2
	Change in Tensile strength (%)	-10	-9	-10
	Change in Elongation (%)	-12	-10	-10
	Change in volume (%)	+10	+8	+9