# **TECHNICAL INFORMATION**



## **Low Compression Set Silicone Rubber**

This is specially designed for excellent compression sets with post cure

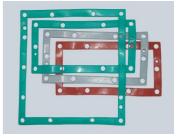
#### # FEATURES

- Low Compression Set
- Excellent Extrusion Processability & Molding Processability

#### # APPLICATIONS

- O/A Roll
- Packing
- Gasket
- Sheet
- O-Ring
- Seal





### **PROPERTIES**

Catalyst: HC-8 / 1.8phr (171 °C × 10min / 200 °C × 4hrs)

Typical Properties	Test Method	LCS 40
Color	ASTM E 1716	Transparent
William's plasticity	ASTM D 926	140
Specific Gravity	ASTM D 792	1.10
Hardness	ASTM D 2240	40
Tensile Strength (MPa)	ASTM D 412	5
Elongation (%)	ASTM D 412	280
Tear Strength (kgf/cm)	ASTM D 624 "B"	10.6
Rebound resilience (%)	JIS K 6255	78
Compression set (%)*1	ASTM D 395	5
Linear shrinkage (%)	JIS K 6249	4
Volume Resistivity (ohm.cm)	ASTM D 257	10 <sup>15</sup>
Dielectric Strength ( KV/mm)	ASTM D 149	26

<sup>\*1.</sup> Compression Set: 177 °C × 22hrs

<sup>|</sup> The information and data contained herein are based on information we believe reliable. You should thoroughly test any application, and independently conclude satisfactory performance before commercialization. Suggestions of uses should not be taken as inducements to infringe any particular patent.