

## General Purpose For Extrusion Silicone Rubber

General Extrusion Silicone Rubber are designed for use in multi purpose application with molding, injection, calendaring, and extrusion of profiles and wires.

They are designed to extend fillers and additives.

Also, various hardness levels can be made by mixing each grade.

### ■ FEATURES

- Excellent physical properties.
- Excellent extrusion processability and good molding.
- Easy to blending for intermediate hardness control.
- Good heat resistant up to 250 °C ~ 280 °C with the heat additives HT-100 or HT-300.

### ■ APPLICATIONS

- All molded articles gaskets, packing, O-ring, profiles and general high temp. wires.
- Food contact packing
- Electrical article (Wire & cable)

### PROPERTIES

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

Typical Properties	Test Methods	BASE 30	BASE 50	BASE 60	BASE 70	BASE 75
Colors	ASTM E 1767	Transparent				
William's plasticity	ASTM D 926	150	210	230	250	260
Specific gravity	ASTM D 792	1.08	1.14	1.16	1.18	1.19
Hardness	ASTM D 2240	31	51	60	70	75
Tensile strength (MPa)	ASTM D 412	7.5	9	9.5	10	9
Elongation (%)	ASTM D 412	600	350	330	290	240
Tear strength (kgf/cm)	ASTM D 624 "B"	10	10	10	11	12.5
Linear shrinkage (%)	JIS K 6249	4.3	4.2	4.1	4.0	3.7
Volume resistivity (ohm.cm)	ASTM D 257	10 <sup>15</sup>	10 <sup>15</sup>	10 <sup>15</sup>	10 <sup>15</sup>	10 <sup>15</sup>
Dielectric strength (kV/mm)	ASTM D 149	25	26	26	27	27