

GENERAL PURPOSE SILICONE RUBBER

SN-1901U(T)

SN-1901U(T) series are up grade general purpose silicone rubber which are used for wide range of applications.

➤ FEATURES

- ✚ Good physical properties.
- ✚ Excellent processability in press molding, injection and all other process.
- ✚ Price advantage.
- ✚ Qualified UL94HB.
- ✚ Compatible with FDA Reg.21 CFR,177.2600.
- ✚ Good Rebound resilience

➤ APPLICATIONS

- ✚ General industrial parts.
- ✚ Electronic parts, Keypad, O/A rolls.
- ✚ Food contact parts, packing.
- ✚ Automotive parts.

PROPERTIES

Catalyst: HC-8/1.8 phr (171 °C × 10 min)
Compression Set: (177 °C × 22 hrs)

Test Item	Testing Method	Standard Result					
		1931U(T)	1941U(T)	1951U(T)	1961U(T)	1971U(T)	1981U(T)
Color	Visual	Translucent					
William's Plasticity	ASTM D 926	160	180	210	230	240	280
Specific Gravity	ASTM D 792	1.09	1.13	1.15	1.16	1.20	1.21
Hardness (Shore A)	ASTM D 2240	30	40	50	60	70	80
Tensile Strength (kgf/cm ²)	ASTM D 412	65	75	85	80	80	85
Elongation	ASTM D 412	500	400	300	230	200	160
Tear Strength (kN/m)	ASTM D 624 (C)	16	18	20	20	22	18
Rebound Resilience (%)	JIS K 6255	61	66	70	65	62	60
Compression Set (%)	ASTM D 395	16	14	13	15	15	14
Linear Shrinkage (%)	JIS K 6249	4.2	4.1	3.9	3.8	3.6	3.7