Tech-Link Silicones Co., Ltd.

Silicone Rubber

The Silicone Precipitate Silica grade TL-8XX series products are general-purpose silicone rubber compound formulated to provide good result when making molding parts.

These materials are translucent and can be easily to add desired color. The typical applications include rubber part the electronic and electronic industry.

Typical properties:

	TL-810	TL-820	TL-830	TL-840	TL-850	TL-860	TL-870	TL-880
Appearance	Milky translucent	Milky translucent	Milky translucent	Milky translucent	Milky translucent	Milky translucent	Milky translucent	Milky translucent
Specific gravity (25℃) +/-0.03	1.04	1.05	1.12	1.14	1.19	1.20	1.21	1.24
Hardness,shore A (JIS) +/-3	10	20	30	40	50	60	70	80
Tear strength (Die C) kgf/cm ≥	-	10	18	23	23	25	25	20
Tensile strength kgf/cm^2 ≥	15	40	60	65	65	65	65	60
Elongation % ≥	800	600	500	400	350	300	250	150
Compression set (175℃x22hrs) ≤	35	20	20	25	23	23	20	20
Liner shrinkage %	4.4	3.9	3.7	3.3	3.3	3.3	3.2	3.1
Plasticity (Wpo) +/- 50	90	100	140	150	230	280	350	400

Cured Condition Curing agent: C-5 0.9%(wt.)
Press cure: 165℃/10 min