



Tech-Link Silicones Co., Ltd.

Silicone Rubber

The Silicone Fume Silica grade EXX Series products are

translucent silicone rubber compound formulated to provide good result when making and compression molding parts.

This material is natural color and can be easily pigmented to any desired color.

The typical applications include rubber parts for wire/cable, household, and automotive industries.

Typical properties:

	E10	E20	E30	E40	E50	E60	E70	E80
Appearance	translucent	translucent	translucent	translucent	translucent	translucent	translucent	translucent
Specific gravity at 25°C	1.04	1.08	1.1	1.13	1.15	1.16	1.18	1.2
Hardness, shore A (JIS)	10	20	30	40	50	60	70	80
Tear strength (Die C) kgf/cm	-	20	20	25	30	30	32	24
Tensile strength, Mpa	-	6	7.5	7.5	7.8	8	7.8	7.8
Liner shrinkage %	4.4	3.9	3.7	3.3	3.3	3.3	3.2	3.1
Elongation %	1000	900	750	750	600	500	300	250
Plasticity	90	100	140	150	180	220	240	270

Cured Condition curing agent: C-5 0.9%(wt.)

Press cure: 165°C/10 min

Post cure: 200°C 2 hrs /4hrs