

## Fumed silicone rubber (TN9X0 Series)

### Application >>

- High tension, suitable for cake tray, sealing ring, miscellaneous parts and other products.

### Characteristic >>

- High tensile, good processing performance, good stability, good fluidity, fast vulcanization, good mould release.
- FDA, LFGB, ROHS, REACH certificated.



### Specification Data Sheet >>

ITEM	Demand									
	TN-9005	TN-910	TN-920	TN-930	TN-940	TN-950	TN-960	TN-970	TN-980	TN-990
Appearance	Transparent solid, no obvious mechanical impurities									
Density(g/cm <sup>3</sup> )	1.03±0.03	1.06±0.03	1.08±0.03	1.10±0.03	1.12±0.03	1.15±0.03	1.17±0.03	1.19±0.03	1.22±0.03	1.23±0.03
Hardness(Shore A)	5±1	10±2	20±2	30±2	40±2	50±2	60±2	70±2	80±2	89±2
Tensile strength(MPa)≥	1.5	3.0	6.0	7.0	8.0	8.0	8.0	8.0	8.0	8.0
Elongation(%)≥	400	600	650	700	700	600	400	380	200	100
Tear strength(kN/m)≥	4	8	10	12	18	25	20	20	15	10
Heat Shrinkage(%)	4.0~4.4	3.7~4.3	3.7~4.3	3.5~4.1	3.3~3.9	3.1~3.7	2.9~3.5	2.8~3.4	2.7~3.3	2.6~2
Plasticity	80~120	110~135	120~150	175~190	180~205	210~230	245~265	285~305	305~335	335~365

### Application

