

## Conductive silicone (TN3X0 series)

### Application >>

- Silica gel products with conductive requirements, conductive black particles, etc.

### Characteristic >>

- Excellent electrical conductivity and physical and mechanical properties, good processing performance, rapid vulcanization, products through ROHS certification.
- ROHS certificated.



### Specification Data Sheet >>

ITEM	Demand			
	TN-340	TN-350	TN-360	TN-370
Appearance	Black solid, no obvious mechanical impurity			
Density(g/cm <sup>3</sup> )	1.10±0.03	1.14±0.03	1.17±0.03	1.21±0.03
Hardness(Shore A)	40±3	50±3	60±3	70±3
Tensile strength(MPa)≥	4.0	5	5	4.5
Elongation(%)≥	450	300	250	120
Tear strength(kN/m)≥	12	10	8	7
Heat Shrinkage(%)	3.4~3.8	3.2~3.6	3.1~3.5	2.9~3.3
Mass Resistivity (Ω·cm <sup>3</sup> )	15	12	10	5
Surface resistance(Ω)≤	400	200	150	80

## Application

