

Precipitated flame retardant silicone rubber (TN57XXU series)

Application >>

- All kinds of special products with fire protection requirements.

Characteristic >>

- Halogen free, flame retardant.
- ROHS, REACH certificated.

Specification Data Sheet >>



ITEM	Demand						
	TN-5720U	TN-5730U	TN-5740U	TN-5750U	TN-5760U	TN-5770U	TN-5780U
Appearance	Milky or off-white solid, no obvious mechanical impurities.						
Density(g/cm ³)	1.28±0.05	1.30±0.05	1.34±0.05	1.36±0.05	1.40±0.05	1.42±0.05	1.44±0.05
Hardness(Shore A)	23±2	32±2	40±2	50±2	60±2	70±2	80±2
Tensile strength(MPa)≥	1.5	2.5	3.0	3.5	3.5	3.5	3.0
Elongation(%)≥	420	400	350	300	250	200	100
Tear strength(kN/m)≥	5.0	7.0	8.0	10	9.5	7	7
Heat Shrinkage(%)	3.1~3.5	3.1~3.5	3.1~3.5	3.0~3.4	3.0~3.4	3.0~3.4	2.8~3.2
Plasticity	120±30	150±30	180±30	210±30	240±30	260±30	280±30
Combustion test grade	UL94 V-O	UL94 V-O	UL94 V-O	UL94 V-O	UL94 V-O	UL94 V-O	UL94 V-O

Application

