

Fumed flame retardant silicone (TN59XXU series)

Application >>

- All kinds of special products with fire protection requirements

Characteristic >>

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

Specification Data Sheet >>



ITEM	Demand				
	TN-5930U	TN-5940U	TN-5950U	TN-5960U	TN-5970U
Appearance	Milky or black solid with no apparent mechanical impurities				
Density(g/cm ³)	1.27±0.05	1.30±0.05	1.33±0.05	1.36±0.05	1.39±0.05
Hardness(Shore A)	32±2	40±2	50±2	60±2	70±2
Tensile strength(MPa)≥	3.0	3.5	4.0	4.0	4.0
Elongation(%)≥	450	400	350	200	120
Tear strength(kN/m)≥	7.5	8.5	10.5	10	7.0
Heat Shrinkage(%)	3.1~3.5	3.1~3.5	3.0~3.4	3.0~3.4	2.8~3.2
Plasticity	150±30	180±30	210±30	250±30	280±30
Combustion test grade	UL94 V-O	UL94 V-O	UL94 V-O	UL94 V-O	UL94 V-O

Application

