

High tear strength fumed silicone rubber (TN9X3 series)

Application >>

- ◆ Suitable for products with high tear strength and complex structure such as sheathing and thin products: phone case, protective cover, etc.

Characteristic >>

- ◆ High tear resistance, good processing performance, good stability, good fluidity, good stripping, good mould release.
- ◆ FDA, LFGB, ROHS, REACH certificated.



Specification Data Sheet >>

| ITEM | Demand | | | | |
|-----------------------------|---|-----------|-----------|-----------|-----------|
| | TN-943 | TN-953 | TN-963 | TN-973 | TN-983 |
| Appearance | Transparent solid, no obvious mechanical impurities | | | | |
| Density(g/cm ³) | 1.14±0.03 | 1.18±0.03 | 1.21±0.03 | 1.22±0.03 | 1.24±0.03 |
| Hardness(Shore A) | 40±2 | 50±2 | 60±2 | 70±2 | 80±2 |
| Tensile strength(MPa)≥ | 8.0 | 8.5 | 8.5 | 8.5 | 8.0 |
| Elongation(%)≥ | 820 | 720 | 580 | 420 | 360 |
| Tear strength(kN/m)≥ | 25 | 30 | 35 | 35 | 30 |
| Heat Shrinkage(%) | 3.3~3.9 | 3.2~3.8 | 3.1~3.7 | 3.0~.6 | 2.8~3.4 |
| Plasticity | 180~205 | 210~230 | 245~265 | 285~305 | 305~335 |

Application

