

### Features & Benefits

Two component silicone used for bonding, sealing and coating protection of electronic components. Mainly used for LED lighting potting.

- REACH, ROHS certified
- Excellent adhesion
- No corrosion, high insulation

### Application

- LED Lighting encapsulation
- Power supply
- Connectors
- Sensors
- Industrial control
- Transformers

### Description

Tensan silicone elastomer consists of two liquid components A and B. When the two components are thoroughly mixed at a weight ratio of 10: 1, the mixed liquid will solidify into a flexible elastomer at room temperature. The duration of application and the curing time at room temperature are independent of the amount of material.

### Packing Information

1. For mix ratio 10:1  
A 20KG / B 2KG

### Storage and Validity

Stored in room temperature, and in a cool, ventilated, dry place.  
Shelf life: 6 month

### Typical Properties

Before Curing	
Item	Index
Appearance	A: white B: light yellow viscous fluid
Mix ratio	10:1
Viscosity (25°C,	A: 2000±300 B: 20±5
Property( g/cm <sup>3</sup> )	A: 1.23±0.02 B: 0.95±0.02
Tack free time( min )	40-60
After Curing	
Item	Index
Hardness( Shore ) ≤	45
Tensile Strength ( Mpa ) ≥	0.50
Breaking Elongation ( % ) ≥	120
Volume resistivity ( Ω.cm <sup>3</sup> ) ≥	1×10 <sup>15</sup>
Break voltage ( KV/mm ) ≥	14
Dielectric constant ( 1MHZ )	3.5
Temperature	-45~150

### How Can We Help You Today

Tell us about your performance, design, and manufacturing challenges. Let us put our silicone-based materials, expertise, application knowledge, and processing experience to work for you.

For more about our product, please visit:  
[www.sztsan.com](http://www.sztsan.com)