

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: black B: light yellow
Mix ratio	10:1
Viscosity (25°C,	A: 2500 B: 20±5
Property(g/cm ³)	A: 1.23±0.02 B: 0.95±0.02
Tack free time(min)	40-60
After Curing	
Item	Index
Hardness(Shore) ≤	40
Tensile Strength (Mpa) ≥	0.50
Breaking Elongation (%) ≥	120
Volume resistivity (Ω.cm ³) ≥	1×10 ¹⁵
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.sztensan.com