

Features & Benefits

Two components 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 the application and the curing time at room temperature are independent of the amount of material.

Packing Information

A 20KG / B 2KG

Storage and Validity

Stored at room temperature, and in a cool, ventilated, dry place.

Shelf life: 6 months

Typical Properties

Item	Index
Appearance	A: Clear B: light yellow
Mix ratio	10:1
Viscosity cP Pa-sec	A: 1200±300 B: 20±10
Viscosity (Mixed)	1000
Specific Gravity (Cured)	1.0±0.1
Curing Time at 25 °C hrs	24
Durometer Shore A	15±5
Dielectric Strength kV/mm (25 °C)	19
Volume resistivity (Ω.cm ³) ≥	1×10 ¹⁵
Dissipation Factor at 100 Hz	0.00257
Tensile Strength PSI	980
Temperature range (°C)	-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