Technical Data Sheet TS9933

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	Clear
Mix ratio	10:1
Viscocity (25℃,	A: 1200 B: 10
Property(g/cm^3)	A: 1.1±0.02 B: 0.95±0.02
Tack free time(min)	40-60
After Curing	
Item	Index
Hardness(Shore) ≤	35
Tensile Strength (PSI)	980
Breaking Elongation (%) ≥	120
Volume resistivity (Ω.cm3) ≥	1×10^{15}
Break voltage （KV/mm） ≥	14
Dielectric constant （1MHZ）	3.5
Temperature range(℃)	-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.

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www.sztensan.com