Technical Data Sheet TS9922

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: White B: light yellow
Mix ratio	10:1
Viscosity cP Pa-sec	A: 2000±300 B: 20±5
Viscosity (Mixed)	1800
Specific Gravity (Cured)	1.1±0.1
Curing Time at 25℃ hrs	24
Durometer Shore A	20±5
Dielectric Strength kV/mm (25℃)	25
Volume resistivity (Ω.cm3) ≥	1×10^{15}
Dissipation Factor at 100 Hz	0.00257
Tensile Strength PSI	780
Temperature range (℃)	-45～150

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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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