

SilTRUST* TSE3667

Description

SilTRUST TSE3667 is a two-component condensation cure silicone rubber designed for electric potting. SilTRUST TSE3667 cures at room temperature to form an elastic flame retardant rubber and adheres to various types of materials such as metal, plastics, glass and ceramics without the use of primers.

Key Features and Benefits

- Flame retardant : UL94V-0 recognized (File No.E56745)
- Low viscosity allows for excellent flowability
- Fast Cure
- Excellent deep section cure
- Excellent adhesive properties : primerless adhesion to many types of substrates
- No cure inhibition

Typical Physical Properties

(JIS K 6249)

UNCURED PROPERTIES (23°C、50%RH)	TSE3667(A)	TSE3667(B)
Appearance	Gray	Blue-green
Specific Gravity	1.25	1.02
Viscosity Pa·s	4.0	0.015
Mixing ratio by weight	100:8	
Mixing ratio by volume	100:10	
Tack free time min	15	

Flow time min	30
CURED PROPERTIES (3days@23°C,50%RH)	TSE3667
Appearance	Elastic rubber, Gray
Density g/cm ³	1.25
Hardness (Type A)	35
Tensile strength MPa	0.5
Elongation %	50
Adhesive strength (AL lap share) MPa	0.4
Thermal conductivity *1 W/(m·K)	0.43
Volume resistivity M·m	1.0×10 ⁶
Dielectric strength kV/mm	8
Dielectric constant (60Hz)	4.0
Dissipation factor (60Hz)	0.01

*1: In-house test method

Potential Applications

- Potting of electric and communications parts
- Moisture proof sealing of meters
- Moisture proof coating of electric circuit boards

Patent Status

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Product Safety, Handling and Storage

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- Store in a cool dry place out of direct sunlight.
- Keep out of the reach of children.
- Wear eye protection and protective gloves as required while handling.
- Maintain adequate ventilation in the work place at all times.

Limitations

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Contact Information

For product prices, availability, or order placement, contact our customer service at [Momentive.com/CustomerService/](https://www.momentive.com/CustomerService/)

For literature and technical assistance, visit our website at: www.momentive.com

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