

SiTRUST* TSE3667

Description

SiTRUST TSE3667 is a two-component condensation cure silicone rubber designed for electric potting. SiTRUST 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

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

- 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

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

Contact Information

For product prices, availability, or order placement, contact our customer service at Momentive.com/CustomerService/

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

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