**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)

<table>
<thead>
<tr>
<th>UNCURLED PROPERTIES (23°C, 50%RH)</th>
<th>TSE3667(A)</th>
<th>TSE3667(B)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Gray</td>
<td>Blue-green</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.25</td>
<td>1.02</td>
</tr>
<tr>
<td>Viscosity Pa·s</td>
<td>4.0</td>
<td>0.015</td>
</tr>
<tr>
<td>Mixing ratio by weight</td>
<td>100:8</td>
<td></td>
</tr>
<tr>
<td>Mixing ratio by volume</td>
<td>100:10</td>
<td></td>
</tr>
<tr>
<td>Tack free time min</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

*SilTRUST is a trademark of Momentive Performance Materials Inc.*
Flow time min | 30
---|---
CURED PROPERTIES (3days@23°C,50%RH) | TSE3667
Appearance | Elastic rubber, Gray
Density g/cm³ | 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 | $1.0 \times 10^6$
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**

Standard copy to come

**Product Safety, Handling and Storage**

Standard copy to come

- 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
Standard copy to come

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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