

## SilTRUST™ TSE3661

### Description

SilTRUST TSE3661 is a two-component condensation cure silicone rubber designed for electric potting. SilTRUST TSE3661 cures at room temperature to form an elastic rubber and adheres to various types of materials such as metal, plastics, glass and ceramics without the use of primers.

### Key Features and Benefits

- 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
- Flame retardant: UL94HB recognized (File No: E56745)

### Typical Physical Properties

(JIS K 6249)		
Uncured Properties (23°C, 50%RH)	SilTRUST TSE3661(A)	SilTRUST TSE3661(C)
Appearance	White	Blue-Green
Specific Gravity	1.20	1.04
Viscosity Pa•s	4.0	0.01
Mixing Ratio by Weight	100:3	

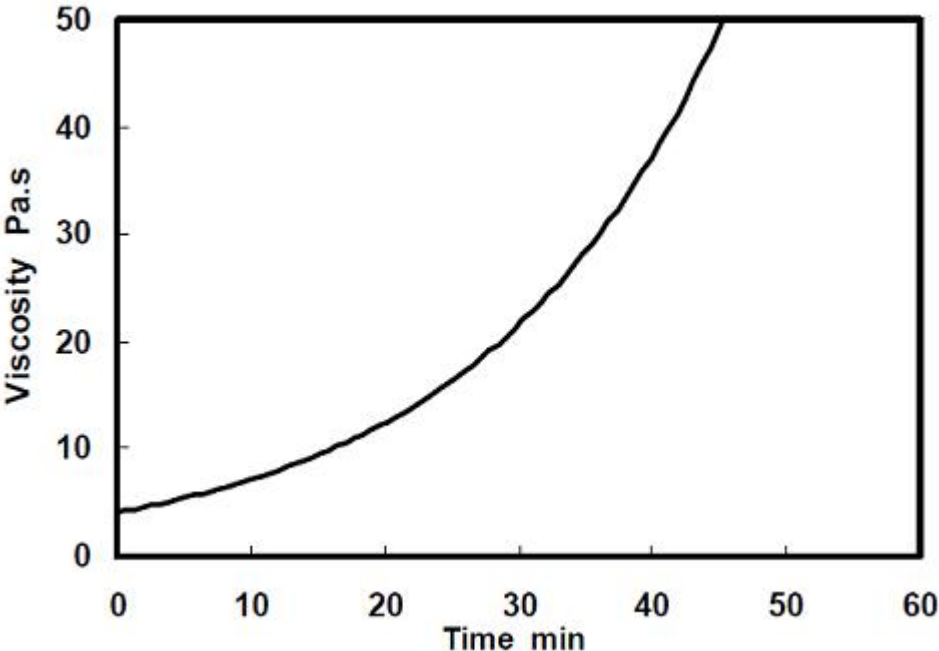
Viscosity after Mixing Pa•s	3.5
Pot Life, h	0.1
Tack Free Time, min	20
Cured Properties (3 days @ 23°C, 50%RH)	
Appearance	Elastic rubber, Blue-Green
Density g/cm <sup>3</sup>	1.20
Hardness (Type A)	30
Tensile Strength, MPa	1.1
Elongation, %	120
Adhesive Strength (GL lap share) MPa	0.8
Volume Resistivity, Ω•m	1.0 x 10 <sup>15</sup>
Dielectric Strength, kV/mm	20
Dielectric Constant (60Hz)	3.2
Dissipation Factor (60Hz)	0.02
Thermal Conductivity <sup>(1)</sup> W/m•K	0.27

1) In-house test method

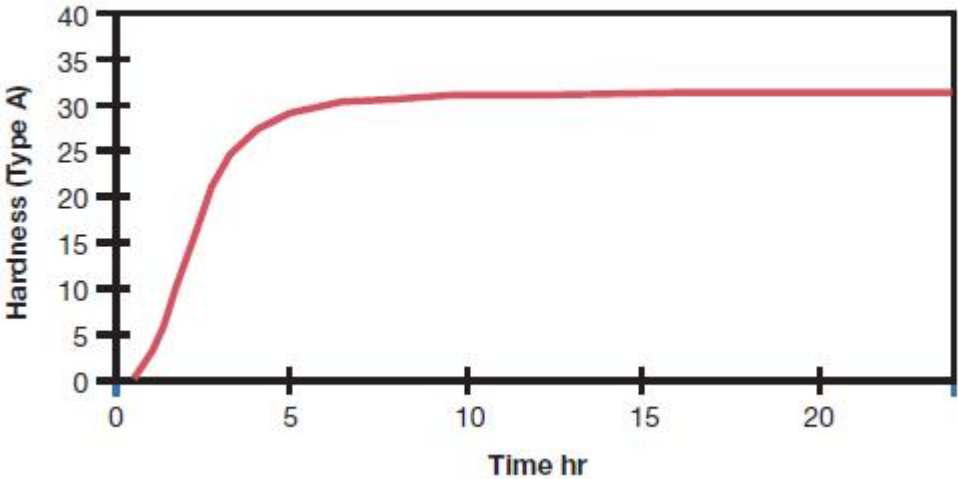
Typical property data values should not be used as specifications.

## Potential Applications

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



**Cure Property: Hardness (23°C, 50%RH)**



**Patent Status**

Standard copy to come

**Product Safety, Handling and Storage**

Standard copy to come

### Limitations

Standard copy to come

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