

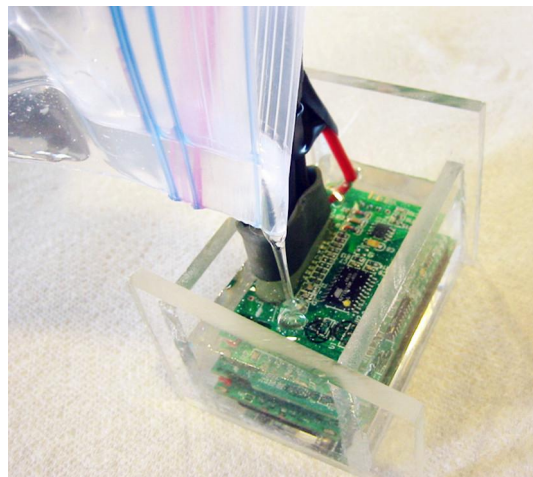
## Electronic Potting Silicone (Platinum Cured)

### **Product Description:**

Platinum cure electronic potting silicone rubber is two parts with low viscosity, and it can be cured completely at room temperature. Platinum cure electronic potting silicone rubber is with stronger heat-resistance than that of condensation type.

### **Application:**

it is mainly applied for the surface of polycarbonate, PP, ABS, PVC, metal etc., which is suitable for the electronic moisture-proof and waterproof, fixed. It is applicable to sealing bonding coating LED for electronic parts.



### **Appearance:**

Part A: an non-toxic and odorless liquid in transparent color with platinum inside

Part B: an non-toxic and odorless liquid in transparent color.

**ATT: We do any curing time as you requirements**

### **Characteristics**

Electronic potting silicone rubber is a kind of two component (1:1 mixing ratio) platinum cure silicone with characteristics of heat-conducting, low viscosity, inherent flame resistance, waterproofing, etc.

It can cure both at room temperature and heated temperature and the curing time can be accelerated by higher temperature.

**Features:**

- ✧ Great fluidity
- ✧ Platinum based, environmental, odorless and nontoxic
- ✧ Mixing ratio: 1:1 and 10:1 are available
- ✧ Perfect adhesion
- ✧ electrically insulative
- ✧ optically clear
- ✧ Resistant to radiation&abrasion
- ✧ heat-conducting.
- ✧ Inherent flame resistance
- ✧ High resistance to high temperature and aging(resist -60 to 250°C)

**Model Code:** D8105, D8110, D8115, D8120, D8125

**Technical Data:**

**Notes:** The data are based on the operation under room temperature of 25 °C.

Typical general characteristics	Inspection Method	Model Code				
		D8105	D8110	D8115	D8120	D8125
Product data (Catalyzed A+B)	/	D8105	D8110	D8115	D8120	D8125
Hardness	Shore A	5±2	10±2	15±2	20±2	25±2
Mix Ratio	A:B	1:1		1:1		
Color	/	Transparent		Transparent		
Pot life	25 °C (77F)	60- 120mins		60- 120mins		
Curing Time	25 °C (77F)	6- 12h		6- 12h		
Viscosity	mPa·s	800±500		500±200		
Thermal Conductivity	W/(m·k)	0.3~0.6		3.0~3.3		
volume resistivity	(Ω·cm)	10 <sup>13</sup> ~10 <sup>14</sup>		10 <sup>13</sup> -10 <sup>14</sup>		
Flame-retardant level	/	V-2		V-2		
Shrinkage	%	≤0.1		≥25		

**Packing:**

**Part A :** 1kg, 5kg, 20kg, 25kg, 200kg, Vacuumed Packing in white color

**Part B:** 1kg, 5kg, 20kg, 25kg, 200kg, Vacuumed Packing in sky blue color



### **Storage & Shelf Life:**

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1Year at least, stored in a cool and dry place under room temperature 25°C

### **Operation Method:**

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1. Pouring by man making
2. Injecting by machine



### **Caution - Safety First !!!**

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1. Read the material safety data sheet(MSDS) before use.
2. Keep Out Of Reach Of Children.
3. Be careful. Use only with adequate ventilation. Contact with skin and eyes may cause irritation. Flush eyes with water for 15mins and seek immediate medical attention. Remove from skin with water-less hand cleaner followed by soap & water.

