

**Epoxy Casting Resin 9002GA-H/9002GB-6892**

**Introduction:**

Room temperature epoxy casting material, excellent electronic properties, satisfying workability of the products sealed by our epoxy ,the epoxy system used for Buzzer、Filter、Relay、 Etc.

**.Product property**

Item	Testing standard	9002GA-H	9002GB-6892
Appearance	Visual estimation	Black ropy liquid	Pale yellow liquid
Specific gravity	25℃ , g/cm <sup>3</sup>	1.60~1.70	1.02~1.08
Viscosity	40℃ , mPa ·s	2000~4000	40~80
Self life	Room temperature	6 months	6 months

**Technics**

Item	Condition	9002GA-H/9002GB-6892
Mixing ratio	WT%	100:25
Pot life	25℃ min	30
Gel time	℃/h	25℃/24h OR 60℃/2~3h

**After cure**

Hardness	Shore-D	>80
Volume resistivity	25℃ , Ω·cm	>10 <sup>13</sup>
Surface resistivity	25℃ , Ω	>10 <sup>14</sup>
Dielectric constant	25℃ , 10KHz	4.2±0.1
Dissipation factor	25℃ , 10KHz	<0.01
compressive strength	Kgf/mm <sup>2</sup>	>30
dielectric strength	KV/mm	>15
Impact strength	Kgf/mm <sup>2</sup>	>5.1
Curing shrinkage	%	<0.5
Hot and cold shock	-30℃~+100℃,Times	5

**Packing**

A: 25 kg iron drum or other

B: 20 kg plastic drum or other

## Cautions

### 1. Cautions in use

- a) Part A should be agitated before use to disperse sufficiently the settled filler. Or heat it to 40°C until it is completely dissolved.
- b) Weigh both A and B respectively, into specified amounts and mix them uniformly.

### 2. Cautions in handling

- a) It is better to potting in vacuum condition, the mixture should be used up in perimiting time.
- b) Cure in room temperature or heat to 60°C, usually items cure under the condition of 25°C/24h or 60°C/2~3h