

Epoxy Casting Resin 9002GA-H/5010B

Introduction:

Room temperature epoxy casting material, excellent electronic properties, satisfying workability of the products sealed by our epoxy.

.Product property

Item	Testing standard	9002GA-H	5010B
Appearance	Visual estimation	Black ropy liquid	Pale yellow liquid
Speci fi c gravi ty	25°C, g/cm ³	1.60~1.70	0.92~0.98
Viscosi ty	40°C, mPa · s	2000~4000	9~13
Sel f l i f e	Room temperature	6 months	12 months

Technics

Item	Condition	9002GA-H/5010B
Mixing ratio	WT%	100:15
Pot life	25°C min	30
Gel time	°C/h	60°C/2~3h

After cure

Hardness	Shore-D	>80
Volume resistivity	25°C, Ω·cm	>10 ¹³
Surface resistivity	25°C, Ω	>10 ¹⁴
Dielectric constant	25°C, 10KHz	4.2±0.1
Dissipation factor	25°C, 10KHz	<0.01
compressive strength	Kgf/mm ²	>30
dielectric strength	KV/mm	>15
Impact strength	Kgf/mm ²	>5.1
Curing shrinkage	%	<0.5
Flammability	UL-94, 6mm	V-0

Packing

- A: 30 kg iron drum
- B: 5 kg plastic drum

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 permitting 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