Epoxy Resin 1608AB-12

I. Statement of purpose

Epoxy Resin 1608AB-12 is an epoxy resin adhesive cured at room temperature and low temperature with high transparency, good surface gloss, good natural defoaming, high transparency and good UV resistance. It is specially used for crafts, jewelry specimens, trademarks, surface coating and mold filling and other electronic parts of insulation, moisture-proof potting, confidentiality sealing, and so on.

II. Pre-sclerotic properties.

	A glue1608A-12	curing agent1608B-12
Color:	colorless transparent	colorless transparent
weight:	1.15	1.02
Viscosity25℃:	1000-2000CPS	200-600CPS

III. Conditions of use

1)mixing ratio:	A：B=100ML：100ML（weight ratio）
2)hardening condition	25℃×6H-10Hor55℃1.5H(10g)
3)usable time:	25℃×30min

IV. Methods of use.

1. Working environment: keep the glue container clean, mix the A and B components strictly according to the weight ratio, weigh accurately, stir well clockwise along the inner wall of the container and let it stand for 3-5 minutes before use. 2. Depending on the operating time and dosage of the glue, to avoid waste. When the temperature is lower than 15 ℃, please preheat the A glue to 30 ℃ before glue mixing, easy to operate (low temperature A glue will thicken); after use must be sealed barrel lid, to avoid moisture absorption caused by product scrap. 3. When the relative humidity is greater than 85%, the surface of the cured material is prone to absorbing moisture in the air, the formation of a layer of white haze, therefore, when the relative humidity of more than 85%, is not suitable to do ambient curing, it is recommended to use the heating curing Curing at room temperature is not suitable when the relative humidity is more than 85%.

V. Properties after hardening

1)Hardness:	shore D	85
2)Voltage resistance:	KV/mm	22
3)Flexural strength:	Kg/mm2	28
4)Volume resistance:	Ohm3	1x10*15
5)Surface Resistance:	Ohmm2	5X10*15
6)Thermal conductivity:	W/M.K	1.36
7)Induced electric loss:	1KHZ	0.42

8) Heat deflection temperature:	**℃**	**80**
9) Water absorption:	**%**	**<0.15**
10)compressive strength:	**Kg/mm2**	**8.4**

The above performance data are typical data measured in a laboratory environment with a temperature of 25℃ and a humidity of 70%, and are for customers' reference only.