Epoxy Resin 315AB-40

I. Statement of purpose

Epoxy resin 315AB-40 Department of two-group epoxy resin **neutral soft glue** viscosity moderate, **natural defoaming, resistance to yellowing, good light transmission, surface gloss, good toughness, non-warping, after curing the surface of the dry non-sticky hands,** high transparency, room temperature or temperature curing softness, good surface, mainly used for **self-adhesive stickers,flat crystal drip, magnetic refrigerator stickers**, crystal jewelry drip, signs, nameplates, badges, or electronic parts and components transparent potting and LED strip light tape potting. Or transparent potting of electronic parts and LED strip light potting.

II. Pre-sclerotic properties.

	A glue315A-40	**curing agent315B-40**
Color:	colorless and transparent	colorless and transparent
weight:	1.15	1.05
Viscosity 25℃:	**400-600CPS**	**250MAXCPS**

III. Conditions of use

1)mixing ratio:	**A：B=100：33（weight ratio）**
2)hardening condition:	**25℃×14H-16H or 55℃×3H(2g)**
3)usable time:	**25℃×40min (100g)**

IV. Methods of use.

1. Working environment: keep the glue container clean, A, B components strictly according to the weight ratio, accurate weighing, clockwise along the inner wall of the container to mix well and stand for 3-5 minutes after 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 become thicker); after use must be sealed barrel lid, to avoid moisture absorption caused by the product scrap.
3. When the relative humidity is greater than 85%, the surface of the cured material is easy to absorb water in the air, forming a layer of white mist, so when the relative humidity is greater than 85%, it is not suitable for room temperature curing, it is recommended to use the heating curing.

V. Properties after hardening

1）Voltage resistance	**KV/mm**	**20**
2）Electrodynamic rate	**1KHZ**	**3.7**
3）Water absorption rate	**%24h**	**＜0.1**
4）Bending strength	**Kg/mm2**	**55**
5）Volume resistance	**Ohm3**	**$1x10^{15}$**

6）Electricity loss	**1KHZ**	**0.42**
7）Compressive strength	**Kg/mm2**	**3.4**
8）Impact strength	**Kg/ cm/cm2**	**6.8**
9）Surface resistance	**Ohmm2**	**$5X10^{15}$**
10）Temperature-resistant strength ℃		**100**

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.