

Epoxy Resin 315AB-R

I. Statement of purpose

Epoxy resin 315AB-R Department of two groups of epoxy resin environmentally friendly soft glue, moderate viscosity, high transparency, anti-yellowing, natural defoaming, good toughness, strong adhesion, surface gloss, crystal clear. Room temperature or temperature curing softness is good, the surface is good, mainly used for stickers, labels, sticker labels, flat crystal drops, crystal jewelry drops, gold jewelry surface encapsulation or electronic parts and components of the transparent potting and LED light strip potting.

II. Pre-sclerotic properties.

	A glue315A-R	curing agent315B-R
Color:	colorless and transparent	colorless and transparent
weight:	1.15	1.15
Viscosity 25°C:	<u>150-400CPS</u>	<u>250MAXCPS</u>

III. Conditions of use

1)mixing ratio:	<u>A: B=100: 25 (weight ratio)</u>
2)hardening condition:	<u>25°C×12H-15H or 55°C×2.5H(2g)</u>
3)usable time:	<u>25°C×45min (100g)</u>

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 °C, please preheat the A glue to 30 °C 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	5X10¹⁵
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.