

Epoxy resin 1909AB-X

I. Statement of purpose

Simulation of water 1909AB-X Department of two-component resin **neutral soft glue, high transparency, yellowing resistance, low temperature resistance, good toughness, high transparency, yellowing resistance**, room temperature or temperature solid. Mainly used for **floral fake water, flower arrangement fake water, simulation fake water**, encapsulation or electronic parts of the transparent infusion.

II. Pre-sclerotic properties.

A glue 1909A-X	Curing agent 1909B-X
Color: colorless and transparent	colorless and transparent
weight: 1.15	1.02
Viscosity 25°C: <u>800-1500CPS</u>	<u>300-500 CPS</u>

III. Conditions of use

1)mixing ratio:	<u>A: B=100: 100 (weight ratio)</u>
2)hardening condition:	<u>25°C×14H-18H 55°C×3H(2g)</u>
3)usable time:	<u>25°C×50min (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	38
2) Electrodynamic rate	1KHZ	3.7
3) Water absorption rate	%24h	<0.1
4) Bending strength	Kg/mm2	28

5) Volume resistance	Ohm3	1x10¹⁵
6) Electricity loss	1KHZ	0.42
7) Compressive strength	Kg/mm²	8.4
8) Impact strength	Kg/ cm/cm²	6.8
9) Surface resistance	Ohmm²	5X10¹⁵

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.