

# Epoxy Resin 3136AB-0

## I. Statement of purpose

Epoxy Resin 3136AB-0 is an epoxy resin adhesive cured at room temperature and low temperature, with good leveling, natural defoaming, resistance to yellowing, high transparency without ripples, bright surface, suitable for room temperature and temperature curing. Specialized in DIY, small jewelry, handicrafts, photo frames, adhesive drops, badges, high-grade resin characters and other electronic parts of the insulation, moisture-proof potting, confidentiality sealing.

## II. Pre-sclerotic properties.

	<b>A glue 3136A-0</b>	<b>curing agent 3136B-0</b>
Color:	colorless and transparent	colorless and transparent
weight:	1.15	0.96
Viscosity 25°C:	<b><u>2000-4000CPS</u></b>	<b><u>100MAXCPS</u></b>

## III. Conditions of use

1)mixing ratio:	A: B=100: 33 ( <b><u>weight ratio</u></b> )
2)hardening condition:	<b><u>25°C×12H-16H or 55°C×2H (10g)</u></b>
3)usable time:	<b><u>25°C×40min (100g)</u></b>

## 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 be thickened); must seal the lid after use, to avoid the product scrap caused by moisture absorption.
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)hardness:	<b>shore D</b>	<b><u>&lt;85</u></b>
2)withstand voltage:	<b>KV/mm</b>	<b>22</b>
3)bending strength:	<b>Kg/mm<sup>2</sup></b>	<b>28</b>
4)volume resistance:	<b>Ohm<sup>3</sup></b>	<b>1x10<sup>15</sup></b>
5)surface resistance:	<b>Ohmm<sup>2</sup></b>	<b>5X10<sup>15</sup></b>
6) thermal conductivity:	<b>W/M.K</b>	<b>1.36</b>
7) electrostatic losses:	<b>1KHZ</b>	<b>0.42</b>

8) heat distortion temperature:	°C	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°C and a humidity of 70%, and are for customers' reference only.