

Epoxy Resin 3136AB-W11

I. Statement of purpose

Epoxy resin **3136AB-W11** is epoxy resin adhesive cured at room temperature and low temperature conditions, fast curing, good leveling, natural defoaming, high hardness, room temperature or heating can be cured. Dedicated to epoxy adhesive millstone, electronic potting adhesive, as well as the insulation of electronic components, moisture-proof potting, confidentiality masking and so on.

II. Pre-sclerotic properties.

	A glue3136A-W11	curing agent 3136B-W11
Color:	colorless and transparent	colorless and transparent
weight:	1.15	0.96
Viscosity 25℃:	<u>1500-2000CPS</u>	<u>100-200 CPS</u>

III. Conditions of use

1)mixing ratio:	<u>A: B=100: 33 (weight ratio)</u>
2)hardening condition:	<u>25℃×10H-12H or 55℃×2H (10g)</u>
3)usable time:	<u>25℃×40min (200g)</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)Hardness:	shore D	<u>≤86</u>
2)Withstanding voltage:	KV/mm	22
3)Bending strength:	Kg/mm2	23
4)Tensile strength	Mpa	58.19
5)Bending strength:	Mpa	91.75
6)Compression strength:	Mpa	86.39

7) Electro-inductive loss:	1KHZ	0.42
8) Heat distortion temperature:	℃	100
9) Water absorption:	%	<0.15
10) Compressive strength:	Kg/mm2	13.4

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.