Epoxy resin 3136AB-SM

I. Statement of purpose

Epoxy resin 3136AB-SM is a room temperature and low temperature curing epoxy resin adhesive, **strong adhesion, good yellowing resistance, surface effect is very good, natural defoaming,** greenhouse curing or heating curing; **specializing in large-area surface laminating, marble surface laminating, fluid painting surface laminating, sliding door surface laminating, background wall surface laminating, such as** nameplates, electronic potting adhesive and mold filling, as well as other electronic parts. Insulation, moisture-proof potting, confidential sealing, coating protection, etc.

II. Pre-sclerotic properties.

	A glue 3136A-SM	Curing agent 3136A-SM
Color:	colorless and transparent	colorless and transparent
weight:	1.15	0.99
Viscosity 25℃:	**1000-2000CPS**	**300MAXCPS**

III. Conditions of use

1)mixing ratio:	**A：B=100：33（weight ratio）**
2)hardening condition:	**25℃×8H-10H(100)　55℃×2H（2g）**
3)usable time:	**25℃×30min（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)Hardness:	**shore A**	**<85**
2)Withstanding voltage:	**KV/mm**	**22**
3)Bending strength:	**Kg/mm2**	**28**
4)Volume resistance:	**Ohm3**	**1x10*15**

5)Surface resistance:	**Ohmm2**	**5X10*15**
6)Thermal conductivity:	**W/M.K**	**1.36**
7) Electro-induced loss:	**1KHZ**	**0.42**
8) Heat distortion temperature:	**℃**	**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℃ and a humidity of 70%, and are for customers' reference only.