



TECHNICAL INFORMATION

Shenzhen JinHua
Quality & Value

Epoxy Resin 1011AB

Feature

Epoxy resin 1011AB can be cured under normal temperature and high temperature with long operation time and fast curing. With the feature of very low viscosity, good flowing property and can be natural defoamed, super yellow resistance, high transparency, no ripple, bright in surface, it is a ultra clear crystal epoxy with wide range of applications.

Application

1011AB can be widely used for all kinds of crafts making, such as necklace pendent bracelet, earrings, casting, and can be applied to the coating of signs, cards, signage, nameplate, lamp potting and mold filling, etc..

Properties before Hardening

Part	1011A	1011B
Color	Transparent	Transparent
Specific gravity	1.12	1.06
Viscosity (25℃)	240 CPS	100 MAXCPS
Mixing ratio	A: B = 100:33(weight ratio)	
Hardening conditions	25 ℃ ×4H to 5H or 70℃ ×1H (2 g)	
Usable time	25℃ ×45min (100g)	

Operation

- 1.Weigh A and B glue according to the given weight ratio into the prepared cleaned container, fully mixed the mixture again the container wall by clockwise, place it along for 3 to 5 minutes, and then it can be used.
- 2.Take the glue according to the usable time and dosage of mixture to avoid wasting. When the temperature is below 15 ℃, please heat A glue to 30 ℃ first and then mix it to the B glue (A glue will be thicken in low temperature); The glue must be sealed lid after use to avoid rejection caused by moisture absorption.
- 3.When the relative humidity is higher than 85%, the surface of the cured mixture will absorb moisture in the air, and form a layer of white mist in the surface, so when the relative humidity is higher than 85%, is not suitable for room temperature curing, suggest to use the heat curing.

Properties after Hardening

Hardness, shore D	<87
Withstand voltage, KV/mm	22
Flexural strength, Kg/mm ²	28
Volume resistivity, Ohm ³	1x10 ¹⁵



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Surface resistance, Ohmm ²	5X10 ¹⁵
Thermal conductivity, W/M.K	1.36
Induced electric loss, 1KHZ	0.42
Withstand high temperature, °C	90
Moisture absorption, %	<0.15
Compressive strength, Kg/ mm ²	8.4

Caution

- 1, The operating environment should be ventilated and should keep away from fire. Closely sealed after use.
- 2, Avoid eye contact, in case of contact, wash with plenty of water and get medical attention immediately.
- 3, If contact skin, wrap with clean cloth or paper, and wash it with water and soap.
- 4, Keep away from children.
- 5, Please take a trial before application to avoid usage mistake.

Storage And Shelf Life

- 1, Store at the temperature of 25 °C or cool and dry place. Avoid from sunlight, high temperature or high humidity environment.
- 2, Use up as soon as possible when opened. It is strictly forbidden to expose to the air for a long time after it is opened to avoid affecting the quality of the products. The shelf life is six months in the room temperature of 25 °C.

Notice: The above data is typical data measured by the laboratory environment under the temperature of 25 °C, and humidity of 70%. For customers' reference only.