



TECHNICAL INFORMATION

Shenzhen JinHua
Quality & Value

Epoxy Resin 2120AB-M3

Feature

Epoxy resin 2120AB-M3 can be cured under normal temperature and low temperature, with the feature of high transparency, low viscosity.

Application

2120AB-M3 can be widely used for drops of glue, handmade jewelry, underwater lamp potting and mold filling, casting, electronic components potting etc..

Properties before Hardening

Part	2120A-M3	2120B-M3
Color	Transparent	Transparent
Specific gravity	1.15	0.96
Viscosity (25°C)	800-2500CPS	100 MAXCPS
Mixing ratio	A: B = 100:50(weight ratio)	
Hardening conditions	25 °C×12H to 24H or 80°C×2H (2 g)	
Usable time	25°C×40min (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 °C, please heat A glue to 30 °C 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 70%, 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 70%, is not suitable for room temperature curing, suggest to use the heat curing.

Properties after Hardening

Hardness, shore D	80±5
Withstand voltage, KV/mm	22
Flexural strength, Kg/mm ²	28
Volume resistivity, Ohm ³	1x10 ¹⁵
Surface resistance, Ohmm ²	5X10 ¹⁵
Thermal conductivity, W/M.K	1.36

Add:Room 803&804, Guangming Tian'an Yungu Building, Xihu Street, Guangming District, Shenzhen

Tel: +86-0755-27157799 Fax: +86-0755-27128202 Email: sales@jinhuaglu.com



TECHNICAL INFORMATION

Shenzhen JinHua
Quality & Value

Induced electric loss, 1KHZ	0.42
Withstand high temperature, °C	80
Moisture absorption, %	<0.15
Compressive strength, Kg/ mm ²	8.4

Caution

- 1, The operating environment should be ventilative 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.

Add: Room 803&804, Guangming Tian'an Yungu Building, Xinhua Street, Guangming District,
Shenzhen

Tel: +86-0755-27157799 Fax: +86-0755-27128202 Email: sales@jinhuaglue.com