

CRAFT RESIN

TECHNICAL INFORMATION

Creative Liquid

Epoxy Resin

Feature

Craft Resin can be cured under room temperature, 1:1 volume ratio, very easy to operate, with the feature of low viscosity and good flowing property, natural defoaming, anti-yellow, high transparency, no ripple, bright in surface, low viscosity.

Application

Craft Resin can be widely used for arts and crafts, handmade jewelry, and mold filling, etc..

Properties before Hardening

Part	1201A-1	1201B-1
Color	Transparent	Transparent
Specific gravity	1.15	0.96
Viscosity (25℃)	1600CPS	1200MAXCPS
Mixing ratio	A: B = 1:1 (volume ratio)	
Hardening conditions	(25 ℃)x24H or 60℃x3H (2 g)	
Usable time	25℃x35min (50g)	

Operation

1. Weigh A and B Craft Resin 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 resin according to the usable time and dosage of mixture to avoid wasting. When the temperature is below 15 ℃, please heat A resin to 30 ℃ first and then mix it to the B resin (A resin 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	<75
Withstand voltage, KV/mm	22
Flexural strength, Kg/mm2	28
Volume resistivity, Ohm3	$1x10^{15}$
Surface resistance, Ohmm2	$5X10^{15}$
Thermal conductivity, W/M.K	1.36
Induced electric loss, 1KHZ	0.42

Withstand high temperature, ℃	93
Moisture absorption, %	<0.15
Compressive strength, Kg/ mm^2	8.4

Caution

1. The operating environment should be ventilate 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.

For more information, welcome to visit our website:

www.craft-resin.co.uk