

EPOXEN CP362 A/B Epoxy System

CP362 Part A	Resin	100	pbw
CP362 Part B	Hardener	50	pbw

Description

Water clear color with specially designed to prevent serious bubbles and pin holes, the surface is glossy, bluish free and hard after fully cured.

Application

LED board, advertising board, furniture, fiber glass products, laminating, surfboard, coating and etc.

Product Data (Guideline Values)

Processing

Thoroughly mix through Part A resin and Part B hardener accordingly to the mixing ratio for at least 4 minutes to get a uniform mixture. Avoid the formation of bubbles. Do not mix more than you are able to use within the pot life.

The epoxy may be poured over the object, spread with a brush, or dispensed with a syringe. The quoted pot life time refer to mixtures of 100 g. Larger quantities will cure faster due to the typical heat reaction of epoxy resins (exothermal reaction). This system should be used at room temperature approximately 25°C. Pot life and cure time will be reduced at higher temperatures.

Blowing hot air over the surface of the epoxy can break any bubbles formed during mixing. Wipe off any excess uncured epoxy with a piece of dry cloth or tissue. Further cleaning may be achieved with tissue wetted with iso-propanol (IPA).

Specification	CP362 Part A	CP362 Part B
Viscosity (25°C)	7000 mPa.s	300 mPa.s
Chemical type	Epoxy	Amine
Color	Transparent	Transparent
Mixing ratio (by weight)	100	50
Mixing viscosity (25°)	1000 mPa.s	
Pot life (25°C)	30 min	
Cure time (25°C)	3 h	
Final hardness	10 h	
Tensile Strength	4500 psi	
Elongation at Break	4 %	
Hardness	90 D	
Water Absorption	< 0.5 wt%	

Storage

Store the chemical at room temperature in a dry place. Unopened containers can be stored for 18 months at temperatures from 18°C to 25°C. After this date, the product may be processed only after reanalysis. Partly emptied containers should be tightly closed immediately after use.

Packing method

- Sample 3kg pack – 1 x 2kg/bottle Part A + 1 x 1kg/bottle Part B
- Standard 15kg pack – 2 x 5kg/bottle Part A and 1 x 5kg/bottle Part B
- Scheduled purchase – 2kg/bottle, 5kg/bottle or 20kg/pail

ORIENTAL OPTION SDN BHD

No. 1-3-32, I-Avenue, Medan Kampung Relau 1, 1900 Bayan Lepas, Penang, Malaysia
t: +604-6554399 | e: sales@orientaloption.com | w: www.orientaloption.com

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