

LYCAL GEM LIKE RESIN



- decorating surface of hair pin –
- decorating of inclined surface of artificial jewels -

LYCAL GEM LIKE RESIN is a series of two pack formulated polymer, included various formulated Resin (Part A) & Hardener (Part B) to meet various requirement in decoration of metal, paper, plastic, wood, porcelain etc., and electronic Ind.

LYCAL GEM LIKE RESIN have a good flow, self de-foaming properties, the cured Resin have a water white glossy and glass like appearance.

LYCAL GEM LIKE RESIN divided into three main kinds. The first type is hard type, suitable for surface decorating artificial jewel & buckle. The second type is flexible type, suitable for surface decorating metal and paper in trademark industries. The third type is semi-flexible type, used for artificial jewels.

THE LYCAL GEM LIKE RESIN SERIES

CODE	PROPERTIES	APPLICATION	A.B. MIXING RATIO (BY WT.) & CURING SCHEDULE
104D	hard type high viscosity thixotropy	forming more convex or inclined surface of artificial jewels	A : B = 2 : 1 50 °C - 60 °C x 2 - 3 hrs.
106D	semi flexible type	hair pin	A : B = 2 : 1 50 °C - 60 °C x 2 - 3 hrs.

Some method for successful application

- 1) Part A and Part B should be mixed thoroughly by denoted weight as per instruction.
- 2) Syringe; plastic bottle with stainless steel tube or automatic fluid dispenser may be used on applying resin to the surface.
- 3) General method to avoid / remove air bubble from mixed resin
 - A) Avoid vigorous mixing.
 - B) With a lighter to heat up the surface of uncured resin is a popular method for removing air bubble from mixed resin.
 - C) Use vacuum pump to remove air bubble.
- 4) Storage Life: Part A and Part B can be stored separately for over one year in closed, dry, cool container. If crystals are formed in Part b (hardener), warm it around 60 °C until all crystals disappear, the properties of the product remains unchanged.

CAUTION

The polymer is skin irritant, safety goggles and gloves must be used during handling. In the event of contact with skin of eyes, rinse immediately with plenty of water and seek medical advice.



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Application Procedure of Lycal GLR 104D /106D



Figure 1. Figure 2. Figure 3a. Figure 3b Figure 4. Figure 5. Figure 6a. Figure 6b.

Figure 1. Weighting with mixing ratio

Figure 2. Thoroughly mixing

Figure 3a. Apply 104D

Figure 3b. Apply 106D

Figure 4. Remove air bubble with propane lighter

Figure 5. Room temperature or 50 °C – 60 °C x 2hrs.

Figure 6a. Finish 104D

Figure 6b. Finish 106D

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