

BMW 105

Photoemulsion for Rotary Screen (Special Use)

- Milky white emulsion for making rotary screen stencil in printing of textiles industry.
- Good durability of printing and excellent accuracy of stencil making.
- Suitable for squeegee or magnetic rotary screen printing machine.

With Sensitizer for Rotary Screen

- Dark brown and transparent liquid.
- Photosensitive range (NM): 350~450
- Good stability in storage, the photosensitive film can stand for a long time, and photosensitivity is slow than BMW Sensitizer
- Suitable for coordinate with BMW 105 series of photoemulsion for rotary screen.

APPLICATION AND PROPERTIES OF BMW 105

BMW 105 cleaning liquor for nickel screen for around 10 minutes, take out and rinse with water, then dried at low temperature in an oven. At the same time, prevent the screen from being stained with dirt (It is necessary for operators to wear protective gloves avoiding corrosiveness)

Preparing the photosensitive emulsion:

It should be operated under a gentle yellow light (prohibit from operating in no opacifying condition) 40-50ml BMW 105 photoemulsion, stir clockwise until to homogenous, stand for 1~2 hours to let off bubbles in a cool and dark place. Then maintain the prepared photoemulsion at 5~15°C in a constant temperature storage box (a seal cover is needed to avoid skinning).

Coating:

300g of the prepared emulsion is added into a clean scraper ring and coated on the clean screen with a speed of 10~12cm/min, then dried at 35~40°C and 60% relative humidity in an oven with circle wind and no more than $\pm 2^{\circ}\text{C}$ temperature differences.

Exposure:

Fixed the coated screen on an exposure machine and fit the manuscript closely. The fit time should be determined after trial. Reference time: 5~8 times on a scanning machine or 1~3 minutes on a stationary exposure machine.

Development:

The exposed screens should develop timely by putting it in water at 5~30°C for approx. 3~5 minutes, then washed until patterns appear clearly, then rinse off the leaked emulsion with water under low pressure, and dried at 50~60°C in a constant temperature oven.

Package:

5Kg per plastic barrel, and 20 Kg per export carton.

- This product belongs to not dangerous article.