

PHOTOCURE TXR

SBQ Direct Emulsion

Features/Application

- Pre-sensitized emulsion, ready-to-use. No diazo required
- High resolution emulsion for reproduction of detailed and fine images
- Wider exposure latitude
- Easy to build EOM by fewer coats
- Best suited for textile and flag printing with Plastisol and water based inks
- Consistent emulsion profile over the mesh, lower Rz value
- Extended shelf life

Specifications

- Viscosity: Approx. 4,000mPa·s(25°C)
 - Solid Contents: Approx. 38%
 - Packaging Standards: 1kg, 5kgs, 18kgs, 200kgs
- ※Contact us for custom packaging.

Exposure Data

Screen mesh, Color	E.O.M. (μm)	3kW Metal Halide lamp (UV42 Intensity : 12mW/cm2)
Polyester 31/cm (80/inch) W	5μm	15~25 sec.
	15μm	30~40 sec.
Polyester 59/cm (150/inch) W	5μm	5~10 sec.
	15μm	25~35 sec.
Polyester 100/cm (250/inch) Y	15μm	30~45 sec.

※ The above is for guideline purposes only. Please use a gray scale exposure calculator to identify the optimal time.



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Instructions

- Wash, degrease and dry screen mesh. Remove grease and foreign contaminants with MSP cleanser.
- Coat emulsion slowly in order to prevent air bubbles.
- Dry coated screen completely before exposure. Drying temperature up to 40°C(104°F).
Avoid excessive temperature for drying screens.

【Remarks】

- Keep the emulsion in a cool and UV light safe area.
- Recommended to filter remaining emulsion with screen mesh before pouring it back into the container to remove any dust, foreign substances and air bubbles.

Solvent Resistance Rating

Solvent	Rating	Solvent	Rating
Water	Fair	Turpentine oil	Excellent
Conventional solvents	Poor	Citrus based chemicals	Excellent

※24hours swelling/absorption test results.

SEM

