

PHOTOCURE BLUE

SBQ Direct Emulsion



MURAKAMI CO.,LTD.

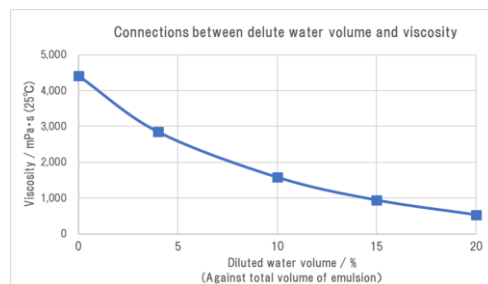
◆ 5-3-10 Yokokawa, Sumida-ku, Tokyo Japan
 URL <http://www.murakami.co.jp/english/index.html>

Features/Application

- Pre-sensitized emulsion, ready-to-use. No diazo required
- High resolution emulsion for reproduction of detailed and fine images
- Easy to build EOM by fewer coats
- Smooth and tacky-resistant emulsion surface.
- Best suited for textile and flag printing with Plastisol and water based inks
- Easy to reclaim

Specifications

- Viscosity: Approx. 4,500mPa·s (25°C)
- Solid Contents: Approx. 38%
- Packaging Standards: 1kg, 5kgs, 200kgs
 ※Contact us for custom packaging.



Exposure Data

Screen mesh, Color	E.O.M. (μm) coating PROCEDURE	Metal Halide Lamp* LED 405nm**
Polyester 31/80-100 W	20μm	200 ~ 300mJ
	Print side 2 / Squeegee side 2	120 ~ 180mJ
Polyester 59/150-48 W	10μm	100 ~ 150mJ
	Print side 1 / Squeegee side 1	50 ~ 80mJ
	20μm	120 ~ 180mJ
	Print side 2 / Squeegee side 2	60 ~ 90mJ

The above is for guideline purposes only. Please use a grayscale exposure calculator to identify optimal exposure time.

If you add diazo 1g/kg, please expose 1.5times as aguide. (diazo 2g /kg, expose about 2.5times as a guide)

*UV42 Intensity meter.

**AITEC SYSTEM UVM-100

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

