

AQUASOL ER

Water-resistant SBQ Emulsion



MURAKAMI CO., LTD.

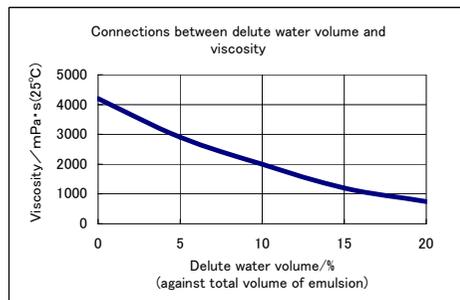
◆ 5-3-10 Yokokawa, Sumida-ku, Tokyo Japan
URL <http://www.murakami.co.jp/english/index.html>

Features/Applications

- One Pot type and ready to use immediately. No need to mix diazo.
- FAST EXPOSURE and productivity improvement.
- Superior water resistance ensure printing durability.
- Soft and flexible stencils, superior fitting capability to mesh..
- Easy to reclaim, extended repeat use of screen.
- Suitable for textile application or water-based ink system

Specifications

- Viscosity...4500mPa·s(25°C)
 - Solid Contents...39%
 - Packaging Standard... 5kg set
- ※Contact Murakami for custom packaging.



Exposure Data

Screen Mesh Count/Diameter/Color	EOM	4KW Ultra-high pressure mercury lamp	3kW Metal Halide lamp 100cm
		UV42 intensity: 17mW/cm ²	UV42 intensity: 12mW/cm ²
Polyester 31/71 φ/W	5 μm	35~45 sec	50~60count
Polyester 59/48 φ/W	15 μm	15~25 sec	25~35count
Polyester 100/40 φ/Y	15 μm	30~40 sec	45~55count

※ Metal halide lamp exposure: 1count = 1 sec.

※ This is guidelines only and please use a gray scale calculator to locate the optimized exposure time.

Instructions

- Wash the screen mesh and remove grease and foreign contaminants with MSP cleanser.
- Coat slowly as possible as you can to prevent air bubbles.
- Dry coated screen at the temperature of 104° F (40°C) completely before exposure.
- Emulsion against temperature but it is better not to dry at high temperature in view of accuracy of dimensions.

【Remarks】

- It is recommended to filter the mixed emulsion with screen mesh before pouring back into scoop coater to remove any dust, foreign contaminants and air bubbles.
- Please store emulsion at cool and UV light free place.

Solvent Resistance Rating

Solvents	Rating	Solvents	Rating
Water	○	Citrus based chemicals	○
Conventional solvents	×	Turpentine oil	○

○ : Good × : Not recommended ※24hours absorption test result

SEM

