SP-1400

Diazo Type Direct Emulsion

MURAKAMI CO., LTD.
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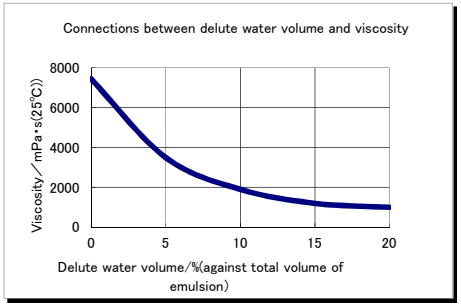
URL http://www.murakami.co.jp/english/index.html

Features/Application

- Widely suitable for water based inks and pastes.
- Suitable for textiles, banners, T-shirts, towels and water based inks of electronic devices.
- Faster exposure than normal diazo type emulsion and user friendly.
- Easy to reclaim, extended re-use of screen.
- ✱ Please use Murakami Strip Super or Strip Super P for excellent reclaiming.

Specifications

- Viscosity…6000mPa･s(25℃)
- Solid Contents…41%
- Packaging Standard… 1kgset/5kg set
  ※Contact Murakami for custom packaging.



Instructions

- Wash the screen mesh and remove grease and foreign contaminants with MSP cleanser.
- Dissolve provided diazo with water, 10% equivalent to emulsion volume. Pour into emulsion and mix it well.
- Prior to use, let mixed emulsions stand for a day. Or for immediate use, filter emulsions with 250 or higher mesh to prevent fisheyes or air bubbles.
- Coat slowly as possible as you can to prevent air bubbles.
- Dry coated screen at the temperature of 104° F (40℃) completely before exposure.

【Remarks】

- To keep the mixed emulsion in a cool and UV light safe area and use it in 2 weeks.
- 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.

Solvent Resistance Rating

Solvents	Rating	Solvents	Rating
Water	○	Turpentine Oil	○
Conventional Solvents	×	Citrus based chemicals	○

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

Exposure Data

Screen Mesh Count/Diameter/Color	E.O.M	3kW Metal Halide lamp 100cm UV intensity: 12mW/cm^2
Polyester 31/71φ/W	5μm	75-90 sec.
	15μm	90-120 sec.
Polyester 59/48φ/W	5μm	45-60 sec.
	15μm	60-90 sec.
Polyester 100/40φ/Y	15μm	60-90 sec.

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

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