

SP-8305

Fine Graphic Pattern Printing Diazo Emulsion



MURAKAMI CO., LTD.

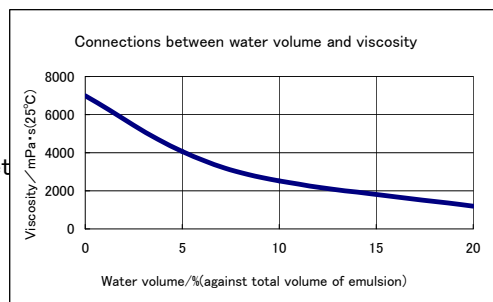
◆ 5-3-10 Yokokawa, Sumida-ku, Tokyo Japan
URL <http://www.murakami.co.jp/english/index.html>

Features/Application

- Suitable for electronics device printing.
- Less tack – minimize poor contact of positive film.
- Excellent definition, superior resolution and linearity of edge.
- Suitable for solvent based inks and UV inks .

Specifications

- Viscosity...7,000mPa·s (25°C)
- Solid Contents...35%
- Packaging Standard...1kg set • 5kg set
※Contact Murakami for custom packaging.



Solvent Resistance Rating

Solvents	Rating	Solvents	Rating
Water	△	Methylcellosolve	◎
Toluene	◎	Isophoron	◎
Acetone	◎	Ethylene Glycol Dimethyl Ether	◎
Ethyl Acetate	◎	Isopropyl Alcohol	◎
Butylcellosolve	◎	Methyl Ethyl Ketone	◎
N-Methyl Pyrrolidone(NMP)	×	Butyl Carbitol Acetate	◎
Butylacetate	◎	N,N-dimethylformamide	×
Cyclohexanone	◎	Methanol	△
Butyl Carbitol	◎	Terpineol	◎

◎・○ : Good △ : Fair × : Not recommended

※24hours absorption test result

Instructions

- Wash the screen mesh and remove grease and foreign contaminants with screen degreaser.
- Dissolve provided diazo with water, 10% equivalent to emulsion volume. Don't use warm water.
- Pour into emulsion and mix it well.
- Prior to use, let mixed emulsions sit 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°C) completely before exposure.

【Remarks】

- 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 from scoop coater to remove any dust, foreign contaminants and air bubbles.

Exposure Data

Screen cm /inch-Diameter/Color	EOM	3kW Metal Halide lamp 100cm UV42 intensity: 12mW/cm2
Polyester 120/350-34 Y	10 μ m	150~180 sec
Polyester 165/420- 27Y	8 μ m	120~150 sec
SUS-325-28 φ	20 μ m	180~210 sec
SUS-400-23 φ	10 μ m	120~150 sec

※ These are guidelines only. Please use a gray scale calculator to locate the optimized exposure time.

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