

ADVANCE Z

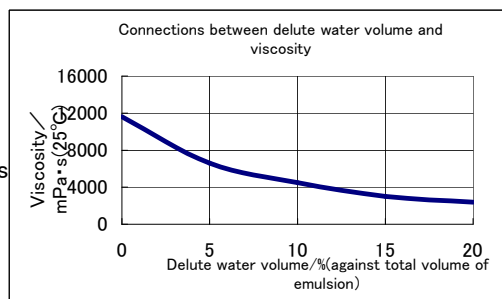
Diazo Type Direct Emulsion

Features/Application

- Fast exposure diazo type emulsion and productivity improvement.
- Superb resolution, and sharp image definition for finest image reproduction.
- Easy to reclaim, extended re-use of screen.
- Suitable for fine line graphic image, PCB patterns, nameplate and T-shirt using plastisol.
- Suitable for solvent based inks, UV inks and Plastisol ink.

Specifications

- Viscosity...12,000mPa·s(25°C)
- Solid Contents...37%
- Packaging Standard...1kg set • 5kg set
※Contact us for custom packaging.
- Color : Blue



Solvent Resistance Rating

Solvents	Rating	Solvents	Rating
Water	△	Ethyl Carbitol Acetate	○
Xylene	○	Isophoron	○
Acetone	×	Ethylene Glycol Dimethyl Ether	×
Ethyl Acetate	○	Isopropyl Alcohol	○
Butylcellosolve	◎	Methyl Ethyl Ketone	△
N-Methyl Pyrrolidone(NMP)	×	Butyl Carbitol Acetate	○
Methanol	×	Terpineol	○
Orange Oil	◎	Turpentine Oil	◎

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

※24hours absorption test result



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Instructions

- Wash the screen mesh and remove grease and foreign contaminants with screen cleanser. In our company, sell MSP cleanser only for polyester screen .
- Dissolve attached diazo powder with water amount for 10% of emulsion volume. Do not use warm water.
- Pour the diazo solution into emulsion and mix it well. Do not use a stir made of metal.
- Leave 1 night prior to use, or otherwise filter the emulsion with 250 mesh or higher mesh to get rid of air bubbles that may cause fish eye.
- Coat as slow as possible to prevent air bubbles.
- Dry coated screen at the temperature of 104° F (40°C) completely before exposure. Do not use higher temperature.

【Remarks】

- Keep mixed emulsion in a cool and UV light safe area and use it up within 6 days.
- It is recommended to filter the mixed emulsion with screen mesh before pouring back into scoop coater to remove dust, foreign contaminants and air bubbles.

Exposure Data

Screen cm /inch-Diameter/Color	EOM	3kW Metal Halide lamp 100cm UV42 intensity: 12mW/cm ²
Polyester 79/200-48 W	10 μm	50~70 sec
Plyester 100/250-40 Y	10 μm	110~130 sec
Polyester 100/300-34 Y	8 μm	80~100 sec
Polyester 140/350-34 Y	4 μm	50~70 sec

※ This data is reference only. Please use a gray scale calculator to locate the optimum exposure time.

SEM

