

ADVANCE 20

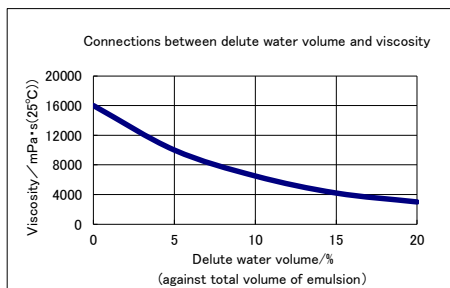
Dualcure Type Direct Emulsion

Features/Application

- Fast exposure dualcure type emulsion and productivity improvement.
- Excellent resistance to solvent and durability.
- Easy to reclaim, extended re-use of screen.
- Superior resolution, and sharp image definition for finest image reproduction.
- Suitable for fine line graphic image, PCB patterns, nameplate and ceramic tiles.
- Suitable for solvent based inks and UV inks.

Specifications

- Viscosity...15000mPa·s(25°C)
- Solids Contents...38.0%
- Packaging Standard...1kg set • 5kg set
※Contact Murakami for custom packaging.



Solvent Resistant Rating

Solvents	Rating	Solvents	Rating
Water	×	Methyl Cellosolve	◎
Toluene	◎	Isophoron	◎
Acetone	◎	Ethylene Glycol Dimethyl Ether	◎
Ethyl Acetate	◎	Isopropyl Alcohol	◎
Butylcellosolve	◎	Methyl Ethyl Ketone	◎
N-Methyl Pyrrolidone(NMP)	×	Butyl Carbitol Acetate	○
Xylene	◎	Dimethylformamide	×
Cyclohexanone	◎	Terpineol	◎

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



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

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 100 mesh/cm 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 40°C completely before exposure.

【Remarks】

- To keep the mixed emulsion in a cool and UV light safe area and use it in 1 week.
- 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.

Exposure Data

Screen Mesh per cm/Diameter/Color	EOM	3kW Metal Halide lamp 80cm UV42 intensity: 12mW/cm ²
Polyester 59/48φ /W	2~3μ m	40~55 sec
	15μ m	90~120sec
Polyester 100/40φ /Y	2~3μ m	55~70 sec
	15μ m	120 ~ 150 sec
Polyester 120/34φ /Y	10μ m	60~90 sec
SUS 250-30φ	20μ m	210~240 sec
SUS 400-23φ	10μ m	90~120 sec

SEM

