

# SINLOIHI COLOR

## SW-100 Series

**SINLOIHI COLOR SW- Series** is a new type of fluorescent pigment dispersion in water of sub-micron particles and has superior light-fastness, and is completely different from fluorescent pigment dispersion composed of resin of formaldehyde condensation. SW-Series can be used for various kinds of printing processes such as roll printing, automatic screen printing, hand screen printing etc. as well as padding process and garment dyeing. SW-100 Series come with less remaining monomer, in response to the strong request for more safe and eco-friendly product in different industries.

### •Properties

#### 1. Formaldehyde Free

SW-Series is composed of different type of resin and does not generate formaldehyde.

#### 2. Superior workability

SW-Series does not contain coarse average particles size and it is below 1.0 $\mu$ m. For this reason, no troubles such as clogging in screen mesh of plate cylinder and clogging in screen mesh of plate cylinder and mottling in printing.

#### 3. Superior resistance to heat

SW-Series is stable against heat due to the resin used in its pigment. This allows rapid curing at higher temperature than with conventional fluorescent pigment.

#### 4. Superior light-fastness

SW-Series has a superior light fastness so that fluorescent pigment is able to produce beautifully designed patterns.

#### 5. Less remaining monomer content

SW-100 Series is designed to be less remaining monomer like acrylonitrile & styrene in its production process.

### •Color

SW-111	Red Orange
SW-112	Green
SW-113	Red
SW-114	Orange
SW-115	Lemon Yellow
SW-116	Orange Yellow
SW-107	Cerise
SW-117	Pink
SW-127	Rose
SW-137	Rubine
SW-147	Violet
SW-128	Blue

Formulation Example(Printing)

SINLOIHI SW-Series	5%	20%
Acrylic Ester Binder	10%	20%
Reducer	85%	60%
Total	100%	100%

packing:  
25kg PE drum



(The detailed information is available in the technical leaflet of SW-Series, which may be submitted upon request.)