

## DAIICHI-X8 (POP) SYNTAETIC PROCESS INK

### Features/Advantages

- ★ For non-absorbent substrates
- ★ Fast drying by oxidation
- ★ Excellent adhesion
- ★ Low contents of volatile solvents
- ★ Good rub-resistance & high gloss

### PAPER Suitable for art coated paper

This product is specially made for use on such materials as gold, silver foil, poly film and PVC plastic material that is non-absorbent substrates. It has the features of forming film when oxidized and fast drying. It does not contain petroleum solvent and has strong adherence. It has high rub-resistance and high gloss as well as excellent flexibility.

### Ink's property

DAIICHI-X8(POP)		YELLOW	MAGENTA	CYAN	BLACK
DM		37-39	34-36	33-35	34-36
T.V		6.5-7.5	8.0-8.5	7.5-8.0	7.0-7.5
SET TIME(min)		12 ± 2	12 ± 2	12 ± 2	12 ± 2
GLOSS(60')		72 ± 3	63 ± 3	58 ± 3	55 ± 3
PARTICLE SIZE		Below 15 μm	Below 15 μm	Below 15 μm	Below 15 μm
DRYING TIME	PAPER				
	SKINNING	Below 4Hr	Below 4Hr	Below 4Hr	Below 4Hr
RUB RESISTANT		4 (5 Excel-1Poor)	4 (5 Excel-1Poor)	4 (5 Excel-1Poor)	4 (5 Excel-1Poor)

### TEST METHOD

Viscosity(DM): measured by Spreadmeter(60sec/25°C)

Tackness Value ( T.V ) : measured by Ink-O-meter(60sec/400rpm, 32°C)

Particle size : measured by Grinding gauge( μ m)

Gloss Value : measured by Glossmeter (60')

Set time : measured by Setting tester(120g/m<sup>2</sup> ,INK 0.01cc)

Rub resistant : measured by Rub tester

### Resistantlevel

DAIICHI-X8(POP)		YELLOW	MAGENTA	CYAN	BLACK
Acid 5(excel)-1	poor	5	2	5	5
Alkaline 5(excel)-1	poor	5	2	5	5
Water 5(excel)-1	poor	5	4	5	5
Alcohol 5(excel)-1	poor	4	4	5	5
Light fastness 5(excel)-1	poor	4	4	8	8

