

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/m² ,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

