KONIER-S800
SOYBEAN OIL BASED PROCESS INK

DaiHEi INK®

Features/Advantages

★ Fast setting and drying time
★ Good water balance
★ Good transfer on press

PAPER Suitable for art coated paper

Based on the need of environmental protection of the market nowadays, this product is made with mainly vegetable oil. It is a quality but low price new product being developed and manufactured with modernized and sophisticated technology. It complies with the environmental protection standards of European and American countries. This product has fine ink quality, brilliant color, high color density, good gloss, sharp dot, detailed structure, with good resistance to rub and heat. It has the advantages of not skin on the press but fast dry on paper. It has stabilized emulsification and printability. It is easily operated and be applied on the press directly without the need to add any auxiliary material.

The product is suitable for use of such base material as art paper, white board paper. It is specially good for coated paper to print various high-end magazine, advertisement, label and high class decorative material.

Ink's property

KONIER-S800		YELLOW	MAGENTA	CYAN	BLACK
DM		36-38	34-36	34-36	34-36
T.V		6.5-7.0	7.5-8.0	7.5-8.0	7.0-7.5
SET TIME(min)		8±2	8±2	6±2	10±2
GLOSS(60')		65±3	60±3	55±3	60±3
PARTICLE SIZE		Below 15 μm	Below 10 μm	Below 10 μm	Below 15 μm
DRYING TIME	PAPER	Below 10Hr	Below 10Hr	Below 10Hr	Below 10Hr
	SKINNING	Over 24Hr	Over 24Hr	Over 24Hr	Over 24Hr
RUB RESISTANT		3.5(5 Excel-1Poor)	3.5(5 Excel-1Poor)	3.5(5 Excel-1Poor)	3.5(5 Excel-1Poor)

TEST METHOD

Viscosity(DM)：measured by Spreadmeter(60sec/25℃)
Tackness Value（T.V）：measured by Ink-O-meter(60sec/400rpm, 32℃)
Particle size：measured by Grinding gauge(μm)
Gloss Value：measured by Glossmeter (60')
Set time：measured by Setting tester(120g/m² ,INK 0.01cc)
Rub resistant：measured by Rub tester

Resistantlevel

KONIER-S800		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

CONTAINS SOYOIL