

COLORMAX SOYBEAN OIL BASED PROCESS INK

Features/Advantages

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

PAPER Suitable for general coated paper

This product is made according to the need of printing market. It is a quality but low price new product. It complies with the environmental protection requirements of European and American countries. It has good resistance to rub and heat. It has the advantages of not skin on the press but fast dry on paper. It is suitable for high speed printing of today.

This product is suitable for various paper quality such as art paper, white board paper, recycled paper, for printing of packaging and high class decorative items.

Ink's property

COLORMAX	YELLOW	MAGENTA	CYAN	BLACK
DM	37-39	35-37	35-37	35-37
T.V	6.5-7.5	7.0-8.0	7.0-8.0	7.0-8.0
SET TIME(min)	8-10min	8-10min	8-10min	8-10min
GLOSS(60°)	60-70	50-60	50-60	60-70
DENSITY	1.00-1.10	1.70-1.80	1.70-1.80	1.95-2.05
PARTICLE SIZE	< 10um	< 10um	< 10um	< 10um
PAPER DRYING TIME	< 10Hr	< 10Hr	< 10Hr	< 10Hr
SKINNING	> 24Hr	> 24Hr	> 24Hr	> 24Hr
RUB RESISTANT STRONG→ WEAK(5-1)	3	3	3	3



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

Resistant level

COLORMAX	YELLOW	MAGENTA	CYAN	BLACK
Acid	5(excel)-1(poor)	5	2	5
Alkaline	5(excel)-1(poor)	5	2	5
Water	5(excel)-1(poor)	5	4	5
Alcohol	5(excel)-1(poor)	4	4	5
Lightfastness	8(excel)-1(poor)	4	4	8

