

# 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		6.0-6.5	7.0-7.5	7.0-7.5	6.5-7.0
SET TIME(min)		6±2	6±2	4±2	8±2
GLOSS(60')		60±3	55±3	50±3	55±3
PARTICLE SIZE		Below 15 µm	Below 10 µm	Below 10 µm	Below 15 µm
DRYING TIME	PAPER	Below 5Hr	Below 5Hr	Below 5Hr	Below 5Hr
	SKINNING	Over 12Hr	Over 12Hr	Over 12Hr	Over 12Hr
RUB RESISTANT		3 (5 Excel-1Poor)	3 (5 Excel-1Poor)	3 (5 Excel-1Poor)	3 (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

COLORMAX		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	5	8	8

