

DICOMAX-UP SOYBEAN OIL BASED PROCESS INK

Application

- ★ Offset sheet-fed printing

Features/Advantages

- ★ Reliable quality of offset sheet-fed printing ink designed for wide range of paper
- ★ Good printing performance
- ★ Suitable for medium high speed printing
- ★ Fast drying and quick setting time
- ★ Easy control of water balance

Main printing substrate

- ★ Coated(art) paper
- ★ Uncoated paper, recycled paper

Ink's property

DICOMAX UP	YELLOW	MAGENTA	CYAN	BLACK
DM	37-39	35-37	35-37	35-37
T.V	6.5-7.5	7.0-8.0	7.5-8.5	7.5-8.5
SET TIME(min)	8-10min	8-10min	8-10min	8-10min
GLOSS(60°)	70-80	60-70	60-70	70-80
DENSITY	1.20-1.30	1.85-1.95	1.90-2.00	2.00-2.10
PARTICLE SIZE	< 10um	< 10um	< 10um	< 10um
CURING LAMP	< 10Hr	< 10Hr	< 10Hr	< 10Hr
CURING ENERGY	> 24Hr	> 24Hr	> 24Hr	> 24Hr
RUB RESISTANT STRONG→WEAK(5-1)	4	4	4	4



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(μm)
- 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

DICOMAX UP	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
Lightfastness	5(excel)-1(poor)	4	4	8	8

