

DAIICHI-AF SOYBEAN OIL BASED PROCESS INK

Features/Advantages

This high-end ink is made for high glossiness as target. It enhances the surface glossiness, reduce dot gain and change in drying, increase adaptability in post-production. It is suitable for printing matt coated paper of high gloss high-end magazine, publicity catalog.

It has brilliant color, high color density and excellent dot reproduction and printability and stability. It also has good printability for post-production, fast drying, avoid picking up dirt, scratch, and set-off troubles. Suitable for matt coated high grade paper of high class printing matters by high speed machine, such as publicity catalog, commercial printing, export packaging, and magazines etc.

PAPER Suitable for art coated paper

This product has excellent printability. It enhances rub resistance, glossiness and good dot reproduction, realizing the unprecedented evenly coating on paper surface. Through high glossiness and good dot reproduction, it contributes to the tuning screen printing in high quality printing. The good post production printability strongly protect the surface of printed matters. It shortens about 30% of setting and drying time.

The penetrating material can smoothly penetrate from the ink skin to the paper, thus forming ink skin rapidly, shortening the time waiting for drying and reversing. Through the newly developed linking material, it greatly widen the tolerance of ink to fountain solution and achieve increase productivity.

Ink's property

DAIICHI-AF	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	2.10-2.20
PARTICLE SIZE	< 10um	< 10um	< 10um	< 10um
PAPER DRYING TIME	< 10Hr	< 10Hr	< 10Hr	< 10Hr
SKINNING	> 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(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

DAIICHI-AF	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 8(excel)-1(poor)	4	4	8	8

OUR COMPANY CAN SUPPLY PROCESS INK ACCORDING TO THE STANDARD OF ISO-2846、GMI OF COLOR MANAGEMENT

