

SONATRA NON-VOC PROCESS INK

Introduction

This product according to the environmental friendly requirements of the current market. Without mineral oil and has quality and more competitive price Made by modern precision manufacturing meet the requirements of environmental friendly standards to satisfied with European and American market. Has good quality, competitive price, bright color, high gloss and stability advantages.

Features / Advantages

- ◆ Economic pure vegetable oil ink
- ◆ Suitable for art coated paper, matt paper
- ◆ Environment friendly, no mineral oil components
- ◆ Already passed ROHS, REACH(SVHC), EN71, USA Soybean association certificate and Green-Ten ring certification testing standard

Ink's property

SONATRA NON-VOC	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
SETTIME(min)	10-12min	10-12min	10-12min	10-12min
GLOSS(60°)	70-80	60-70	60-70	70-80
DENSITY	1.10-1.20	1.75-1.85	1.80-1.90	2.00-2.10
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

- DM : measured by Spreadmeter(60sec/25°C)
- Tackness : measured by Ink-O-meter(60sec/400rpm, 32°C)
- Particle size : measured by Grinding gauge(μm)
- Gloss : measured by Glossmeter (60°)
- Set time : measured by Setting tester(120g/m², INK 0.01cc)
- Rub resistant : measured by Rub tester

Resistant level

SONATRA NON-VOC	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

