

DAIICHI-UV333 UV CURING INK

1. Product Introduction

This product is mainly composed of UV curable acrylic acid resin, photoinitiator, active diluent, pigment filler and various additives. It is an environment-friendly ink product with no solvent and volatile raw material ingredients, balanced by professional technical formula, with stable printing suitability, fast curing speed, bright ink color, high saturation, good adhesion, excellent aging resistance etc.

Applicable substrates include: coated paper, gold/silver foil card, laser foil card, surface treated PVC, PET.

2. Main Characteristics

UV curing, good adhesion, outstanding applicability and stability, high performance of balance on the printing stick and sink, clear dot performance, outstanding, bright color. Suitable for long time printing, and has good stability on the machine.

3. Property

COLOR	YELLOW	MAGENTA	CYAN	BLACK	WHITE
DM	32-35	33-36	33-36	33-36	34-37
TACK	13	14	14	15	13
GLOSS	45 ± 5	40 ± 5	35 ± 5	35 ± 5	50 ± 5
PARTICLE SIZE	Below 10µm	Below 10µm	Below 10µm	Below 10µm	Below 10µm
RUB RESISTANT	3.0(5Excel-1Poor)	3.0(5Excel-1Poor)	3.0(5Excel-1Poor)	3.0(5Excel-1Poor)	3.0(5Excel-1Poor)
LIGHT FASTNESS	4	5	8	8	/
ACID RESISTANCE	5	5	5	5	5
ALCOHOL RESISTANCE	5	5	5	5	5
FATNESS TO SOAPING	5	5	5	5	5
ALKALI RESISTANCE	5	5	5	5	5

Ink properties (as shown in the table above)

Were measured as follows:

DM: Viscometer (60s/25°C)

TACK: Ink meter (60S/400roll, 32°C)

Curing machine: UV curing machine

Fineness: Fineness plates

Wear Resistance: Friction meter

Fast light grade: Poor 1-8 excellent

Other grades: Poor 1-5 excellent

4. Packing specifications:

CMYK: Metal can, net weight 1kg, 2.5kgs, etc

White ink: Black plastic can, net weight 1.5kg, etc

