

DAIICHI-LED-UV833 UV CURING INK

1. Product Introduction

LED-UV 833 Series Ink features fast curing, strong adhesion, eco-friendly, low energy consumption, stable printing, suitable for various substrates and high-end printing.

Suitable for 385 and 395 wavelengths, LED-UV Lamp power not less than 8kw.

Applicable substrates include: coated paper, aluminized gold and silver cardstock, laser cardstock, 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 single printing, good stability on the machine.

3. Property

COLOR	YELLOW	MAGENTA	CYAN	BLACK	WHITE
DM	33-36	34-37	34-37	34-37	34-37
TACK	9.0-13.0	9.0-13.0	9.0-13.0	9.0-13.0	9.0-13.0
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	4	7	7	/
ACID RESISTANCE	4	4	5	5	5
ALCOHOL RESISTANCE	4	4	5	5	5
FATNESS TO SOAPING	4	4	5	5	5
ALKALI RESISTANCE	4	4	5	5	5

Ink properties(as show 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

