

DAIICHI-LED-UV833H UV CURING INK

1. Product Introduction

LED-UV833H Series Ink offers faster curing, superior fixation & drying vs. standard LE-DUV, strong adhesion, eco-friendly, ideal for high-end printing.

Applicable substrates include: paper, gold and silver cards, plastic sheets, and bank cards. This ink is also suitable for both UV and LED lamps.

2. Main Characteristics

UV-curing, with excellent adhesion, Outstanding applicability and stability, high performance on printing rollers and in water tanks, excellent dot clarity, and vibrant colors. Suitable for long-run printing orders, with good on-machine stability.

3. Property

COLOR	YELLOW	MAGENTA	CYAN	BLACK	WHITE
DM	34-37	34-37	34-37	34-37	35-37
TACK	7.0-9.0	7.0-9.0	7.0-9.0	7.0-9.0	7.0-9.0
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	4	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

