

# Technical Specification of Ink

## ECOO-IN-D



EcooGraphix

<b>Type</b>	ECOO-IN-D
<b>Features</b>	Printing speed: 10000rph-13000rph Environment friendly Anti-skinning performance Good water/ink balance Rich in printing layer Clear and complete in printing dots Quick-drying performance, quick setting, quick turn
<b>Packing</b>	1kg/vacuum tin, 12tins/carton
<b>Shelf Life</b>	3 years(from the production date); product against light and water
<b>Application</b>	ECOO-IN-D printing ink is developed by the latest European technology system. It is made from polymeric, high-soluble resin and newly-invented paste pigment. This product is suitable for printing packaging, advertisement, label, high-quality brochures and decorative products on art paper, coated paper, offset paper, cardboard, etc., especially suitable for medium and high-speed printing.

ITEM/TYPE	TACK VALUE	FLUIDITY (mm)	PARTICLE SIZE (µm)	GLOSS	SETTING TIME (min)	DRYING TIME (hr)	SKINNING TIME (hr)
<b>D YELLOW</b>	8-9	39±1	12.5	85	4	< 8-10	>20
<b>D MAGENTA</b>	8.5-9.5	40±1	12.5	75	4	< 8-10	>20
<b>D CYAN</b>	8.5-9.5	39±1	12.5	75	4	< 8-10	>20
<b>D BLACK</b>	9-10	38±1	12.5	80	4	< 8-10	>20
<b>Tack Value</b>	The value is measured in 1 minute by inkometer at 32°C and 400rpm.						
<b>Set Time</b>	Printing adapter, 157g art paper, the volume of ink-coating can be up to 0.125cc.						
<b>Condition of test</b>	Room temperature 25°C, humidity 65%-75%						

ITEM/TYPE	Light Resistance	Heat Resistance	Acid Resistance	Alkaline Resistance	Alcohol Resistance	Soap Resistance
<b>D YELLOW</b>	3-4	5	5	4	4	4
<b>D MAGENTA</b>	3-4	5	5	5	4	5
<b>D CYAN</b>	6-7	5	5	5	5	5
<b>D BLACK</b>	6-7	5	5	5	5	5
<b>Light Fastness</b>	1-8 (weak-strong)					
<b>Others</b>	1-5 (weak-strong)					

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