



FCH1-09 Series 4 Colour Ink

【Product description】

FCH1-09 series heat cure offset ink is a soy, eco- friendly ink, it is used for heat drying offset printer. It is mainly used on non-coated paper roll printing, can also be used on higher quality supercalendered paper. Suitable product: album, booklet, poster, magazine etc.

【Product characteristic】

- ❖ High concentration, good transfer, clear printing dot, good printing stability
- ❖ Good water resistance, can reach water based ink equilibrium quickly, can reduce water and ink consumption
- ❖ Good flowability, paper pull unlikely to happen even during high speed printing
- ❖ Ink does not dry up during print, fast curing performance enable fast printing speed without causing issue on paper roll collection

【Technical parameter】

Model		FCH1309 Yellow	FCH1409 Red	FCH1509 Blue	FCH1109 Black
Test					
TV		5-5.5	5.5-6	5.5-6	6-6.5
DM mm		40-42	40-42	40-43	40-42
GM μ		<15	<15	<15	<15
Colour		Close to standard	Close to standard	Close to standard	Close to standard
Tinting %		95-105	95-105	95-105	95-105
Drying speed (Hr)	Paper	<5	<5	<5	<5
	Film	20-50	20-50	20-50	20-50
Light fastness		3-4	4	7-8	7-8
Acid resist.		5	4	5	5
Alkaline resist.		5	4	5	5
Solvent resist.		5	4	5	3
Ethanol resist.		5	4	5	3

Rating standard: Light fastness 1(weak) ----> 8 (strong), others 1(weak) ----> 5(strong)

All rating test done within our laboratory



【Index test description】

Test Item	Test conditions
TV(Viscosity)	Viscometer, 400rpm, 32±1°C
Parallel plate viscometer DM mm	Spread meter, 25±2°C
Fineness GM μ	Grindometer
Tinting	Diluted comparison
Colour	Colour drawdown compare to standard

【Disclaimer】

The data shown in this document is based on actual production and test result generated within our company. Above data is only for reference and does not bear any legal guarantee responsibilities. Whether actual ink performance can meet user's requirement depends on application conditions and substrate etc. We suggest that users should access whether current production conditions meet the application requirement of each product before printing. Since we cannot control the actual application and storage conditions, we cannot guarantee the final product performance. All product sales subject to our standard sales terms and conditions.