



F3-01MJ Eco-Friendly Toy Grade Offset Printing Ink

【Product description】

Toy-grade F3-01MJ series eco-friendly offset printing ink do not use cobalt bis(2-ethylhexanoate) and has excellent environmental performance, which is suitable for printing on substrates of coated paper, offset paper, ivory board, white board, etc.

【Characteristics】

- ❖ Eco-friendly additive used, isocaprylic acid and cobalt free, suitable for products with extremely high environmental requirements.
- ❖ Can meet the environmental requirements of Mattel, Hasbro, and McDonald's.
- ❖ Good water resistance and excellent high-speed printing ink balance performance.
- ❖ Appropriate fixability, fluidity and viscosity, good performance on the printing press.
- ❖ Bright colors, high saturation, colour hue meet the ISO12647-2 standards, can pass G7, GMI and other color certification

【Technical parameter】

Product Index	F3101MJ BLACK	F3103MJ SPECIAL BLACK	F3301MJ YELLOW	F3401MJ MAGENTA	F3501MJ CYAN
TV(Viscosity)	8-10	8-10	8-10	8-10	8-10
DM mm(Fluidity)	33-39	33-39	33-39	33-39	33-39
DT min(Drying time)	≤750	≤750	≤750	≤750	≤750

【Index test description】

Test Items	Test conditions
TV(Viscosity)	Viscometer, 400rpm, 32±1℃
DM mm(Fluidity)	Spreadmeter, 25±2℃
DT min(Drying time)	Dryer, ambient temperature
Color	Color drawdown, compared with standard sample



【Instructions】

- ❖ Can be used directly on the machine under normal circumstances. Varnish can be added if low ambient temperature or poor surface condition of printing paper. If you have light fastness or other requirements, please choose our company's special products.
- ❖ Note: adding ratio of additive should not exceed 3%.

【Packaging and shelf life】

This product is packed in a 2.5KG vacuum tank and a 200KG drum, and the shelf life is 3 years.

【Disclaimer】

This specification is in accordance with the actual production and test results, whether the product could meet your process requirements depends on application conditions and printed material. We recommend the users to assess if the product can meet all their requirements before production. Since we cannot predict or control your printing condition, the product performance cannot be guaranteed all sales are subjected to the standard terms and conditions of the sales control division.