F3-01MJ-G7 Eco-Friendly Toy Grade Offset Printing Ink

【Product description】

Toy-grade F3-01MJ-G7 series eco-friendly offset printing ink without 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】

- ❖ Used Eco-friendly additive, without isocaprylic acid and cobalt, 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-G7 BLACK	F3301MJ-G7 YELLOW	F3401MJ-G7 MAGENTA	F3501MJ-G7 CYAN
TV(Viscosity)	8-10	8-10	8-10	8-10
DM mm(Fluidity)	33-39	33-39	33-39	33-39
DT min(Drying time)	≤950	≤950	≤950	≤950

【Index test description】

Test Items	Test conditions
TV(Viscosity)	Viscometer, 400rpm,32±1℃
DM mm(Fluidity)	Spread meter, 25±2℃
DT min(Drying time)	Dryer, ambient temperature

Version：BV-QESR-YMTA-TDS-931-C/0
Release date：2022.11.10

Color	Color drawdown, compared with standard sample

【Precautions】

- 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】

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.