

Technical Data Sheet

RBAG

General Description

- Daylight and ultra-violet responsive fluorescent ink base – free of mineral oils – for solvent based inks.
- A dyed/pigmented thermoplastic sulphonamide-melamine- paraformaldehyde carrier, dispersed in an alkyd resin.

Applications

- Offset & letterpress inks.

Product Features

- Highly viscous sub-micron ink base – free of mineral oils – which needs to be converted into finished offset ink. Adding 20% - 30% printing vehicles, driers and additives are necessary.
- Recommended for oxidation or heat-set drying ink formulations.
- Formulation with an UV curing system is possible.
- 16 bright colors, covering PMS 801 to 807.
- Compatible with conventional inks to enlarge the available color space to create new and brighter shades.
- RBAG exhibit good lightfastness for indoor application, while the exterior lightfastness is rather limited.

Physical properties	
Delivery form	Paste
Pigment concentration	> 50%
Average particle size	Sub-micron
Hegman grind	≥ 6.0
Specific gravity	1.15 g/ml
Laray viscosity	> 3500 Poise

Test methods and Certificate of Analysis (COA) available on request.

RBAG inks are designed for use at industrial sites as described in EU COMMISSION REGULATION 2023/2055 of 25 September 2023.

Standard Colors

Product Name	Description
RBAG-09	UV Blue
RBAG-10	Chartreuse
RBAG-12	Orange Yellow
RBAG-13	Orange
RBAG-14	Orange Red
RBAG-15	Red
RBAG-16	Cerise
RBAG-17	Pink
RBAG-18	Magenta

Special Colors

RBAG-9P1	Blue
RBAG-1P2	Green
RBAG-0P3	Yellow
RBAG-3P4	Orange
RBAG-5P5	Red
RBAG-7P6	Pink
RBAG-8P7	Magenta

Packaging:

1 PE pail = 20kg
 MOQ = 20kg
 (Metal drum 200kg on request)

Storage & shelf life:

36 months (except RBAG-9P1 Blue: 24 months) after production date when kept in closed original packaging in a dry place at ambient temperature.

Safety & regulatory:

Safety Data Sheet available on request.

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