

Technical Data Sheet

RBAG-09

General Description

- 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

- UV Blue tracer for 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.
- RBAG-09 is colorless in normal daylight, but glows blue under UV exposure, making it especially suitable as a tracer.
- 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.

Standard Colors

Product Name	Description
RBAG-09	UV Blue

Packaging:

1 metal pail = 20kg
 1 metaal drum = 200kg
 MOQ = 20kg

Storage & shelf life:

36 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.

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.

Processing

Adding RBAG-09 will purify the color and increase the UV response.

RBAG-09 ink is designed for use at industrial sites as described in EU COMMISSION REGULATION 2023/2055 of 25 September 2023.

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