

Radglo® RBU

Provisional

General information

General description:

- Daylight and ultra-violet responsive fluorescent ink base free of formaldehyde for energy curable inks.
- Fluorescent pigment particles dispersed in a specifically formulated ink vehicle.

Applications:

- Flexographic and lithographic, ultra-violet (UV) and electron beam (EB) curable inks.

Product features

- High fluorescent ink base which need to be converted into finished flexographic and lithographic UV curable inks by adding specific resins and a photo initiator.
- Bright and high gloss colors, covering the PMS shades from 802 to 807, with excellent printing characteristics.
- Compatible with conventional inks to enlarge the available color space to create new and brighter shades.
- Radglo® RBU ink base contains reactive components. Therefore during the manufacturing of these printing inks the temperature of the batch should not exceed 40°C. For additional information on safe handling procedures, please consult the individual Safety Data Sheets.

Standard color:

Product name	Description
RBU-10	Chartreuse

Special colors:

Product name	Description
RBU-1P2	Green
RBU-0P3	Yellow
RBU-3P4	Orange
RBU-5P5	Red
RBU-7P6	Pink
RBU-8P7	Magenta

Packaging:

1 PE pail = 20kg
MOQ = 20kg

Technical information⁽¹⁾

Physical properties

Delivery form	Ink base
Pigment concentration	45-55 % thermoplastic dyed polymer
Vehicle type	Proprietary energy curable system
Grind – NPIRI 10-0	0 – 5
Dirt-NPIRI 10-0	0 – 10
Specific gravity	1.20 g/ml
Laray viscosity**	60 – 80 seconds @ 32°C (200gr/10cm)
Volatile organic compounds	None

Storage & shelf-life:

12 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.

Processing

Processing temperature	≤40°C
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⁽¹⁾Test methods and Certificate of Analysis (COA) available on request.

** Transition period: new viscosity 20 – 40 seconds @ 32°C (200gr/10cm)**

Do you need more technical & commercial information? Please consult **Product Promotion Sheet**.