

Radglo® P-X-0936

General information

General description:

- Ultra-violet responsive fluorescent pigments for solvent based formulations.
- A dyed/pigmented thermoset sulphonamide-melamine-paraformaldehyde resin.

Applications:

- UV Green tracer for calendered PVC foils, PVC & PU coatings, solvent based paints, screen - and gravure inks, aerosols.

Standard colors:

| Product name | Description |
|--------------|-------------|
| P-X-0936 | UV Green |

Packaging:

1 box = 20kg (2x10kg)
MOQ = 20kg

Product features

- Radglo® P-X-0936 is relatively invisible in normal daylight, but produces a highly visible bright and vibrant green color upon exposure to ultra-violet or "black" light.
- Popular for security and tracing applications like counterfeit protection, product identification and process automation.
- For aqueous formulations, the use of preservatives is recommended. The right preservative package (combination of bactericides and fungicides) should provide reliable, highly effective control of microorganisms in the intended formulation.

Technical information⁽¹⁾

Physical properties

| | |
|-----------------------|------------------------|
| Delivery form | Powder |
| Average particle size | ± 5.0 µm |
| Hegman grind | 5.0 - 6.0 |
| Melting point | Thermoset, non-melting |
| Decomposition T° | >300°C |
| Specific gravity | 1.40 g/ml |
| Bulking value | 0.25 g/ml |
| Oil absorption | 56 |

Storage & shelf life:

120 months when kept in closed original packaging in a dry place at ambient temperature.

Processing

| | |
|---|---|
| Heat stability | In PVC calendering: 30 minutes @ 170°C |
| Solvent resistance | Recommended use in water, aliphatic- and aromatic hydro carbons, alcohols, esters, glycols, plasticizers. |
| Pigments are insoluble and need to be dispersed (easily stir-in). | |

Safety & regulatory:

REACH compliant. Safety Data Sheet and Regulatory Status (RS) available on request.

⁽¹⁾Test methods and Certificate of Analysis (COA) available on request.

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