

# Radglo<sup>®</sup> C-09

## General information

### General description:

- Ultra-violet responsive fluorescent pigments for water- and non polar solvent based formulations.
- A dyed/pigmented thermoplastic sulphonamide-melamine-paraformaldehyde resin.

### Standard colors:

Product name	Description
C-09	UV Blue

### Applications:

- UV Blue tracer for aqueous paper coating, water and non-polar solvent based paints and textile printing inks.

### Packaging:

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

### Product features

- Radglo<sup>®</sup> C-09 is relatively invisible in normal daylight, but produces a highly visible and vibrant blue 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<sup>(1)</sup>

### Physical properties

Delivery form	Powder
Average particle size	± 3 µm
Hegman grind	5.0 - 6.0
Melting point	110 - 130°C
Decomposition T°	>300°C
Specific gravity	1.35 - 1.40 g/ml
Bulking value	0.25 g/ml
Oil absorption	60

### Storage & shelf life:

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

### Safety & regulatory:

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

### Processing

Heat stability	Limited
Solvent resistance	Recommended use in water, aliphatic and some aromatic hydrocarbons.
Pigments are insoluble and need to be dispersed (easily stir-in).	
Adding Radglo <sup>®</sup> C-09 (UV Blue) will purify the color and will increase the UV-response.	

<sup>(1)</sup>Test methods and Certificate of Analysis (COA) available on request.

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