

# Radglo® GWT-09

## General information

### General description:

- Ultra-violet responsive fluorescent pigments free of formaldehyde for water based formulations.
- A dyed/pigmented thermoplastic polyester amide copolymer.

### Applications:

- UV Blue tracer for water based formulations: paints, paper- and textile inks.

### Product features

- Radglo® GWT-09 is relatively invisible in daylight, but produces a highly visible bright and vibrant blue color when exposed to ultra-violet or “black” light.
- Free of formaldehyde.
- Good stability in water based formulations. Solvent resistance needs to be checked.
- For aqueous formulations, the use of preservatives is highly recommended. The right preservative package (combination of bactericides and fungicides) should provide reliable, highly effective control of microorganisms in the intended formulation.
- Radglo® GWT-09 exhibits good lightfastness for indoor applications.

### Standard colors:

Product name	Description
GWT-09	UV Blue

### Packaging:

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

## Technical information<sup>(1)</sup>

### Physical properties

Delivery form	Powder
Average particle size	± 4 µm
Hegman grind	5.0 - 6.0
Melting point	130 - 160°C
Decomposition T°	>300°C
Specific gravity	1.20 g/ml
Bulking value	0.30 – 0.40 g/ml

### 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. For other solvents, please check in advance.
Pigments are insoluble and need to be dispersed (easily stir-in).	
Adding Radglo® GWT-09 will purify the color and 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**.