

GWT

General information

General description:

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

Applications:

- Water based formulations: paints, paper- and textile inks.

Product features

- Free of formaldehyde.
- Good stability in water based formulations. Solvent resistance needs to be checked.
- Also available in a 50% water dispersion: WT.
- 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.
- Limited lightfastness in exterior exposure due to the chemical structure of the fluorescent pigments.

Standard colors:

Product name	Description
GWT-09	UV Blue
GWT-10	Chartreuse
GWT-11	Green
GWT-13	Orange
GWT-14	Orange Red
GWT-15	Red
GWT-16	Cerise
GWT-17	Pink
GWT-18	Magenta
GWT-88	Purple
GWT-19	Blue

Packaging:

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

Technical information⁽¹⁾

Physical properties	
Delivery form	Powder
Average particle size	± 4 µm
Hegman grind	5.0 - 6.0
Melting point	130 - 160°C
Decomposition temp.	>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:

Safety Data Sheet 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).	

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

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