

# Technical Data Sheet

## WT

### General Description

- A 50% water dispersion of GWT pigments.
- Daylight and ultra-violet responsive fluorescent pigment dispersion free of formaldehyde for water based formulations.
- A dyed/pigmented thermoplastic polyester amide copolymer in dispersion.

### Applications

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

### Product Features

- Free of formaldehyde.
- No basic Rhodamines.
- WT water dispersions are easy mixable and require no additional grinding for proper dispersion into the binder system.
- Öko-Tex Standard 100: testing for compliance on end application is recommended.
- 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
WT-10	Chartreuse
WT-11	Green
WT-13	Orange
WT-14	Orange Red
WT-15	Red
WT-16	Cerise
WT-17	Pink
WT-18	Magenta
WT-88	Purple

### Packaging:

1 Pail = 50kg  
MOQ = 200kg

### Storage & shelf life:

6 months when kept in closed original packaging in a dry place at ambient temperature. Dispersion should be protected from freezing.

### Safety & regulatory:

Safety Data Sheet available on request.

Physical properties	
Delivery form	Liquid
Average particle size	± 4 µm
Hegman grind	5.0 – 6.0
Viscosity	150 – 180g (200RPM Stormer-Krebs)
Solids	50.0 – 51.5 %
Specific gravity	1.0 – 1.15 g/ml

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

### Processing

Heat stability	Limited.
Solvent resistance	Recommended use in water, addition of co-solvents should be carefully tested.
WT water dispersions offer good storage stability. However, it is advisable to homogenize the dispersion before use.	