

Technical Data Sheet

WX

General Description

- A 50% water dispersion of GXT pigments.
- Daylight and ultra-violet responsive fluorescent pigment dispersion, free of formaldehyde for water based formulations.
- WX is a formaldehyde free daylight fluorescent pigment dispersion exhibiting increased color strength, superior reflection, good solvent resistance and significantly improved lightfastness when compared to traditional fluorescent pigments

Applications

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

Product Features

- Daylight fluorescent and ultra-violet responsive.
- Free of formaldehyde.
- WX water dispersions are easy mixable and require no additional grinding for proper dispersion into the binder system.
- 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.

Standard Colors

Product Name	Description
WX-10	Chartreuse
WX-11	Green
WX-12	Orange Yellow
WX-13	Orange
WX-14	Orange Red
WX-15	Red
WX-17	Pink
WX-18	Magenta
WX-19	Blue
WX-09	UV Blue

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	± 3.5 µm
Hegman grind	5.5 – 6.5
Viscosity	+/- 160g (200RPM Stormer-Krebs)
Solids	50.0 – 51.5 %
Specific gravity	1.0 – 1.15 g/ml

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

Processing

Heat stability	To minimize the influence of heat on the fluorescent properties, the temperature impact needs to be as low as possible.
Solvent resistance	Good resistance in most commonly used solvent systems
WX water dispersions offer good storage stability. However, it is advisable to homogenize the dispersion before use.	

WX dispersions are designed for use at industrial sites as described in EU COMMISSION REGULATION 2023/2055 of 25 September 2023.

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