

# STX

## General information

### General description:

- Daylight and ultra-violet responsive fluorescent toner - free of formaldehyde - for water based formulations.
- A dyed/pigmented polyester resin.

### Applications:

- Water based inks for flexo and gravure.
- Water based paper coating, felt tip markers.

### Standard colors:

Product name	Description
STX-09	UV Blue
STX-10	Chartreuse
STX-13	Orange
STX-15	Red
STX-17	Pink
STX-18	Magenta

### Product features

- STX toners represent a unique fluorescent ink system which, although delivered in dry form, is totally water-soluble in high concentrations.
- With the addition of a small amount of ammonia and alcohol, but without other binder additives, a complete water ink system for flexographic and/or gravure ink can be formulated.
- STX exhibits excellent transparency making it the system of choice for printing on foil and films. To obtain the maximal fluorescent effect, printing on a white background is recommended.
- Free of formaldehyde.
- 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.

### Packaging:

1 box = 20kg  
MOQ = 20kg

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

### Physical properties

Delivery form	Coarse powder
Particle size	70 – 90 µm
Melting point	75°C - 110°C
Specific gravity	1.2 g/ml
Bulking value	0.6 g/ml

### Processing

Solvent resistance	Completely soluble in water based formulation.
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### Storage & shelf life:

12 months after production date when kept in closed original packaging in a dry place at ambient temperatures and away from humidity.

### Safety & regulatory:

Safety Data Sheet available on request.

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

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