

Technical Data Sheet

STX

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.

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 micro-organisms in the intended formulation.

Standard Colors

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

Packaging:

1 box = 20kg

MOQ = 20kg

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.

Physical properties	
Delivery form	Coarse powder
Particle size (Laser diffraction)	70 – 90 µm
Melting point	75 – 110 °C
Specific gravity	1.2 g/ml
Bulking value	0.6 g/ml

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

Processing	
Solvent resistance	Completely soluble in water based formulation.