

STX-09

General information

General description:

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

Standard colors:

Product name	Description
STX-09	UV Blue

Applications:

- UV Blue tracer for water based inks for flexo and gravure.
- UV Blue tracer for water based paper coating, felt tip markers.

Packaging:

1 box = 20kg
MOQ = 20kg

Product features

- STX-09 toner is a unique fluorescent ink system and should be printed on a white background or over a white ink to achieve the maximum fluorescent brightness.
- STX-09 is colorless in normal daylight, but glows blue under UV exposure, making it especially suitable as a tracer for printing on foil and films.
- STX-09 exhibits excellent transparency.
- 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.
- 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.

Technical information⁽¹⁾

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

Storage & shelf life:

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

Processing	
Solvent resistance	Completely soluble in water based formulation.
Adding STX-09 (UV Blue) will purify the color and will increase the UV-response.	

Safety & regulatory:

Safety Data Sheet available on request.

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

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