

Color Range



Disclaimer : This is a guidance shade card only. Test before use. No warranty for damages of any form at your end including third party protective rights. We assure consistent quality of our products only. Subject to Pune (India) Jurisdiction only.

FST & FST-Ex Series

Radiance - FST and FST-Ex series are solvent soluble fluorescent color toners. These high strength fluorescent color toners are specially designed for printing/coating on flexible packaging films, metalized polyester films and foils. Water and oil resistance are some unique advantages of this series when cured.

Product description :

Nature :

FST and FST-EX series is transparent in nature. FST series is of standard color strength whereas FST-Ex comprises of higher color strength. Radiance FST and FST- Ex series is a solid solution of dyestuffs in thermoplastic resin. Inorganic phosphorus compounds are not used in manufacturing.

All Radiance FST and FST-Ex series are Non-Toxic.

Processing Conditions :

Radiance FST and FST-Ex series is based upon fluorescent polymeric system specially designed to suit wide variety of solvent based printing inks. They are transparent in nature. Best results of our toners are achieved when printed on white opaque highly reflective surfaces.

Please do not compare shades obtained with the same color with different resin combinations. This is because their refractive indices are different, hence shade variation is observed.

Physical Properties and Light Fastness :

Product appearance	Powder form
Particle size	15 microns to 20 microns.
Softening Point	90°c to 110°c
Compatibility	Compatible with Nitro-Cellulose, Ethyl Cellulose Cellulose Acetate Propionate (CAP Resin), Amino resins, Polyamide resins and Epoxy resins. *General solubility chart available on request
Light Fastness	Light Fastness for fluorescent pigments / Toners Always depends upon : <ul style="list-style-type: none"> • Type of binder polymer. • Intensity and angle of incident sunlight. • Type of color, Percentage of pigment loading and layer thickness. • Light fastness may be improved by including UV-Absorber (s) in the formulation. • Avoid exposure to direct sunlight.

Applications :

- Solvent Based Flexo and Gravure inks.
- Solvent based pen inks.
- Solvent based coatings for films and tapes.

Storage :

We advice our users to avoid storing all kind of fluorescent pigments in direct sunlight. FST and FST-Ex series remains stable when stored in a dry place below 45°c.

Recommended storage temperature 20°c.

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