

Technical Data Sheet

Flamingo Daylight Fluorescent Pigments



IXT-311 LF Series

Thermoset type fluorescent pigments applicable for systems where solvent resistance is required. These are **exclusively developed to meet Aerosol customer specific requirements like long shelf life of aerosol paint and uniform spray.** These pigments have been pre approved through Duke University for the ACMI Certification program in accordance with ASTM D-4236 and further these pigments are non-toxic and contain no constituent fo heavy metal are in compliance with EN 71, Part3, 2013 regulations.

Colour Range :

Yellow	IXT 3111LF	Red	IXT 3116LF
Green	IXT 3112LF	Pink	IXT 3117LF
Chrome	IXT 3113LF	Magenta	IXT 3118LF
Orange	IXT 3114LF	Violet	IXT 3119LF
Red Orange	IXT 3115LF	Blue	IXT 3120LF

Characteristics :

- Bulk Density : 0.35 – 0.40 gm/cc
- Specific Gravity : 1.38
- Softening Point : 165 – 175°C
- Av. Particle Size : 4-5 Microns
- Thermal Stability : < 210°C
- Oil Absorption Value : 50-60 gm/100 gm of pigment
- Solvent Resistance : V. Good

Regulatory Compliance

- REACH
- TSCA
- ROHS
- EN-71 Part 3, 2013

Applications:

- PVC soft toys, PVC balls, & Vinyl Plastics
- PVC sheeting / leather cloth
- Paints (Formulations based on polar solvents)
- Flexo and Gravure printing inks
- Thermoplastic polymer coloring (<180°C)
- Exclusively developed for high light fast and durable aerosol spray paint applications.
- Solvent based Silk Screen Inks
- Vinyl Plastics for textiles
- Aerosol paints
- Textile printing and dyeing
- UV curing inks



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