

Technical Data Sheet

Flamingo Daylight Fluorescent Pigments



I XT-310 LF Series

I XT-310LF pigments are Thermoset type, applicable for systems where high solvent resistance is required. These are insoluble in greater number of solvents and specially designed for use in formulations for coatings, paint & inks where strong solvents and heat is used. **These pigments have superior light fastness, solvent resistance and least migration in PVC than regular fluorescent thermo set type pigments.**

Colour Range :

Yellow	I XT 3101LF	Red	I XT 3506LF
Green	I XT 3102LF	Pink	I XT 3507LF
Chrome	I XT 3103LF	Magenta	I XT 3508LF
Orange	I XT 3104LF	Violet	I XT 3509LF
Red Orange	I XT 3105LF	Blue	I XT 3510LF

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
- Decomposition Point : 250°C
- Oil Absorption Value : 50-60 gm/100 gm of pigment

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)
- Thermoplastic polymer coloring (<180°C)
- Solvent based Silk Screen Inks
- Vinyl Plastisols for textiles
- Aerosol paints
- Textile printing and dyeing

Mixture of solvents may have a severe effect on these pigments than the individual solvents alone. Some solvent combinations can practically solvate the pigments and cause more severe swelling and bleeding. Pigments must be tested for satisfactory performance in the solvent combination system intended to be used.



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