

IXT-311LF 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 fine particle size with least migration in PVC than regular fluorescent thermo set type pigments.**

Colour Range :

YELLOW 3111LF	GREEN 3112LF	CHROME 3113LF	ORANGE 3114LF	RED ORANGE 3115LF
RED 3116LF	PINK 3117LF	MAGENTA 3118LF	VIOLET 3119 LF	BLUE 3120LF

Characteristics:

- Bulk Density : 0.35 ± 0.05 gm/cc
- Specific Gravity : 1.38
- Softening Point : $160 - 170^{\circ}$ C
- Av. Particle Size : 4-5 Microns
- Thermal Stability : $< 210^{\circ}$ C
- Decomposition Point : 250° C
- Oil Absorption Value : 50-60 gm/100 gm of pigment

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 ($<180^{\circ}$ C)
- Solvent based Silk Screen Inks
- Vinyl Plastics for textiles
- Aerosol paints
- Textile printing and dyeing
- UV curing inks

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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