

# Technical Data Sheet

## Flamingo Daylight Fluorescent Pigments



### I XT-350LF Series

I XT-350LF 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 temperature 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	I XT 3501LF	Pink	I XT 3507LF
Green	I XT 3502LF	Magenta	I XT 3508LF
Chrome	I XT 3503LF	Magenta B	I XT 3508LF
Orange	I XT 3504LF	Violet	I XT 3509LF
Red Orange	I XT 3505LF	Blue	I XT 3510LF
Red	I XT 3506LF		

#### Characteristics :

- Bulk Density : 0.32-0.36 gm/cc
- Specific Gravity : 1.38
- Softening Point : 160 – 170°C
- Av. Particle Size : 3.5-4.5 Microns
- Thermal Stability : < 210°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)
- Flexo and Gravure printing inks
- Thermoplastic polymer coloring (<180°C)
- Solvent based Silk Screen Inks
- Vinyl Plastics for textiles
- Aerosol paints
- Textile printing and dyeing
- UV curing inks

#### Light Fastness:

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.



www.aronuniversal.com

### ARON UNIVERSAL LIMITED

# 25/1, 2nd Phase, Jigani Industrial Area, Bangalore - 560 105. INDIA

Ph : +91-80-27825 331 / 315 / 795 Fax : +91-80-27825 578

Email : sales@aronuniversal.com / exports@aronuniversal.com

Website : www.aronuniversal.com



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