

# Technical Data Sheet

## Flamingo Daylight Fluorescent Pigments



### IX-ASJ Series

IX-ASJ pigments are thermoplastic fluorescent pigments recommended for use in wide range of applications where resistance to strong solvents is not required. These are especially useful for water based systems. Can be used where customers are looking for better storage stability for aqueous based pigments & coatings. These pigments have been pre approved through Duke University, USA for the ACMI Certification program in accordance with ASTM D-4236. Further these pigments are non-toxic and constituents for heavy metals is in compliance with EN 71, Part 3, 2013 regulations.

### Colour Range :

Yellow	IXAS-11J	Pink	IXAS-17J
Green	IXAS-12J	Pink B	IXAS-17J
Chrome	IXAS-13J	Magenta	IXAS-18J
Orange	IXAS-14J	Red Violet	IXAS-19J
Red Orange	IXAS-15J	Royal Blue	IXAS-20J
Red	IXAS-16J		

### Characteristics :

- Bulk Density : 0.23 – 0.28 gm/cc
- Softening Point : 135 – 145°C
- Av. Particle Size : 3.5-4.5 Microns
- Decomposition Point : 230°C
- Oil Absorption Value : 50-60 gm/100 gm of pigment

### Regulatory Compliance

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

### Applications:

- Wide Applications in Textile Field.
- In oil and water based silk screen inks.
- Poster / Artist colors
- Aqueous based Flexo and Gravure printing inks
- Thermoplastic polymer coloring (<180°C)
- Water based paper coatings
- Candles, Children Crayon, Chalk Coloring
- Aqueous based Aerosol paints
- Textile printing and dyeing

### Light Fastness:

- Fluorescent colours have enough light fastness for indoor applications and limited light fastness for outdoor applications
- To improve light fastness
  - Use higher concentration of pigments
  - Use UV absorbers
  - Use acrylic overcoats



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