

Technical Data Sheet

Flamingo Daylight Fluorescent Pigments



IX-AS Series

IX-AS 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. These pigments have been pre approved through Duke University, for the ACMI Certification program in accordance with ASTM D-4236. Further these pigments are non-toxic and contain no constituents to heavy metal are in compliance with EN 71, Part3, 2013 regulations.

Colour Range :

Yellow	IXAS-11	Red	IXAS-16
Green	IXAS-02	Pink	IXAS-17
Green	IXAS-12	Magenta	IXAS-18
Chrome	IXAS-13	Red Violet	IXAS-19
Orange	IXAS-04	Royal Blue	IXAS-20
Orange R	IXAS-14		
Red Orange	IXAS-15		

Characteristics :

- Bulk Density : 0.25 ± 0.30 gm/cc
- Softening Point : 130–140°C
- Av. Particle Size : 3.5-4.5 Microns
- Decomposition Point : 210°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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