

A-594-5 INVISIBLE BLUE PIGMENT

DayGlo A-594-5 is a blue fluorescing thermoplastic pigment which fluoresces blue under UV lighting. It is recommended for a wide range of applications where resistance to strong solvents is not needed. A-594-5 performs well in a system based on aliphatic and some aromatic hydrocarbons. This pigment is usable in water systems where prolonged shelf-life is not required/

A-594-5 is the most economical invisible blue tracer in the invisible tracer product line. Care should be used in testing this product because in many applications considerable high speed mixing may be required to achieve a usable dispersion. Contact your DayGlo representative for technical information on dispersing this pigment.

Applications:

A-594-5 Invisible Blue Pigments are used in many applications using SICK Optic-Electronic LUT Scanner-Detector systems. It is used in application such as paper coatings, vinyl coated fabric, A-type gravure inks, paints, screen inks, vinyl plastisols and organosols and plastics with melt temperatures less than 380° (193°C) See DayGlo Technical Bulletin A & AX Pigments for recommended starting formulations.

Solubility (g/l):

A-594-5 is insoluble in a wide range of solvents. See DayGlo Technical Bulletin A & AX Pigments for a chart listing the solubilities.

Physical Properties:

Product Form:	White Powder
Specific Gravity:	1.36
Softening Point:	110°C Min
Decomposition Point:	195°C
Oil Absorption:	47g/100g Pigment
Particle Size:	4-5 Microns, Average

Lightfastness:

DayGlo A-594-5 pigment exhibits good lightfastness and UV response for indoor applications. However, the product is not recommended for exterior applications. The user should conduct testing to determine if A-594-5 will meet the requirements of the final application.