
Solvent Blue 25



[Solvent Blue 25](#) (C.I. 74350) is an oil-soluble phthalocyanine blue dye that is completely insoluble in water, but dissolves readily in aromatics, esters, ketones, and various oil-based resin systems. It can be blended with [Solvent Black dyes](#) to create deep blue and ink-blue color series. Known for its pure color and minimal grayish haze, it is a widely used blue coloring ingredient for inks, plastics, and resin crafts. The product offers excellent tinting strength, high processing stability, and highly controllable batch-to-batch color variation.

Basic Features

1. Transparent Plastic Masterbatch Injection Molding

Ideal for transparent decorative parts, lighting fixtures, cultural ornaments, and cosmetic packaging to create a clear, greenish lake blue. It remains stable without bleeding or hazing during 240°C high-temperature molding, making it perfect for premium transparent plastics.

2. Solvent-Based Screen & Gravure Printing Inks

Suitable for printing on synthetic leather, PVC films, and packaging. It produces peacock blue and lake blue graphics with uniform dispersion and fine halftone dots, and resists color migration when laminated.

3. Epoxy Resin & Wood Coatings

Designed for DIY epoxy resin crafts and wood wiping oils. It provides a highly transparent finish that preserves the natural wood grain, creating fresh blue-toned wood surfaces and resin crafts.

4. Craft Waxes & Oil Tracing

Used for coloring aromatherapy and hot-melt sealing waxes, ensuring uniform melt dispersion. It also serves as a tracer dye for industrial lubricants and hydraulic oils.

5. Leather Care & Marking Inks

Used to formulate leather restorers and oil-based marker inks. It offers transparent coloring with excellent adhesion, widely applied in leather recoloring and industrial part identification.



Technical Specifications

Density: Approx. 1.28–1.38 g/cm³

Short-term Heat Resistance: 240?

Lightfastness: Grade 6-7

Acid Resistance: Grade 4-5

Tinting Strength: 95%–105% (Compared to standard sample)

Water-soluble Content: ?1.0%

This solvent is compatible with various industrial dyes, and it performs exceptionally well in dissolving the fluorescent indicator Rhodamine B dye.



Yeah ! Add Some Color To Your Life ! XCWY Dyes Welcome your contact !

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Product link : <https://www.xcwydyes.com/solvent-blue-25.html>