
Solvent Blue 68



[Solvent Blue 68](#) (C.I. 61110) is a premium oil-soluble anthraquinone [solvent blue dye](#). Completely insoluble in water, it exhibits excellent solubility in esters, ketones, aromatics, oils, and various oil-based resin systems. Renowned for its deep, rich color tone and outstanding thermal stability, it ensures consistent, minimal batch-to-batch color variation. Solvent Blue 68 is highly recommended for high-performance coloring applications across plastics, printing inks, resin crafts, waxes, and industrial oils.

Basic Features

Dark-Toned Transparent Plastic Molding

Compatible with ABS, PS, PMMA, and PVC injection molding and extrusion processes. Widely used in the production of light-transmitting lighting accessories, cultural and educational stationery, and dark decorative casings. It demonstrates excellent stability under high-temperature processing, resisting bleeding and hazing, to deliver rich, highly transparent deep blue and blue-violet plastic finishes.

Solvent-Based Printing & Lamination Inks

Ideal for formulating screen printing and gravure solvent inks, specifically applied to PVC films, synthetic leather, and laminated gift packaging. It offers outstanding halftone reproduction and rich film coloration, with excellent resistance to color migration under multi-layer lamination during long-term storage. Perfectly suited for orders requiring dark-toned graphics.

Epoxy Resin & Solid Wood Craft Coatings

Formulated for use in epoxy resin casting and transparent wood wiping oils, creating a profound, premium blue-violet finish. Its highly transparent coloring beautifully preserves the natural wood grain, making it the ideal coloring agent for vintage-style ornaments and solid wood decorative accents.

Craft Waxes & Industrial Oil Tracing

Features excellent melt dispersion properties for coloring aromatherapy and hot-melt sealing waxes. It also serves as a highly effective tracer dye for lubricants and industrial fuels, utilizing its distinct deep blue hue to facilitate rapid identification and management of different oil types.

Oil-Based Care Coatings & Industrial Identification

Widely used to formulate leather restoration and care oils, oil-based marker inks, and aluminum surface coloring solutions. It is extensively applied in leather recoloring and restoration, as well as the identification and coating of various metal components.



Technical Specifications

CAS No. 4395-65-7

Density: Approx. 1.26–1.36 g/cm³

Short-term Heat Resistance: 230°

Lightfastness: Grade 5-6

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-68.html>