
Solvent Blue 63



[Solvent Blue 63](#) (C.I. 61520) is an anthraquinone-based oil-soluble [solvent blue dye](#) that is insoluble in water, but dissolves readily in esters, ketones, aromatics, oils, and oil-based resin systems. It exhibits good heat resistance, light fastness, and coloring stability, and is widely used for coloring plastics, inks, resins, waxes, and industrial oils.

Basic Features

1. Plastic Masterbatch & Injection Molding Coloring

Ideal for coloring plastics in royal blue, reddish-blue, navy, and dark blue shades. Perfect for decorative casings, stationery, lighting accessories, and transparent or translucent plastic parts. Highly stable during 230°C processing with a vivid blue-violet hue, making it suitable for medium-to-high concentration blue formulations.

2. Printing Inks & Lamination Coloring

Used in PVC films, synthetic leather, gift packaging, and stationery inks to create royal blue, blue-violet, and dark blue base colors. It provides a uniform coating, making it highly suitable for screen printing, gravure printing, and lamination applications.

3. Wood Crafts & Epoxy Resin Coloring

Perfect for small wooden items, ornaments, and epoxy resin crafts. It delivers highly transparent royal blue, blue-violet, and dark blue effects, ideal for cool-toned, light-luxury, and tech-inspired color schemes.

4. Craft Waxes & Oil Tracing

Suitable for coloring aromatherapy, sealing, and decorative waxes, ensuring uniform melt dispersion and stable color upon cooling. It can also be used as a tracer dye for lubricants, fuels, and industrial oils.

5. Oil-Based Recoloring & Industrial Marking Supplies

Used to formulate blue-violet highlighter inks, leather restorers, shoe polishes, and transparent aluminum anodizing solutions. It provides a sheer yet richly saturated

coating, making it perfect for industrial marking and oil-based recoloring applications.



Technical Specifications

CAS No.?6408-50-0

Molecular formula:C??H??NO?

Density: Approx. 1.25–1.35 g/cm³

Short-term Heat Resistance: 230°

Lightfastness: Grade 5-6

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-63.html>