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## Solvent Blue 38



[Solvent Blue 38](#) (C.I. 73000) is a high-tinting-strength oil-soluble [solvent blue dye](#) that is completely insoluble in water. With excellent heat and light resistance, it is ideal for coloring plastics, inks, waxes, oils, and various industrial applications.

### Basic Features

#### 1. Plastic Masterbatch & Injection Molding

Ideal for coloring plastics in deep blue, navy, peacock blue, and blue-green shades. Perfect for decorative casings, stationery, lighting accessories, and injection-molded parts. Highly stable during 230°C processing, making it perfect for formulating high-concentration deep blue and blue-green series.

#### 2. Printing Inks & Lamination Coloring

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

#### 3. Wood Crafts & Epoxy Resin Coloring

Perfect for small wooden items, ornaments, and epoxy resin crafts. It delivers deep blue, peacock blue, and vintage teal effects, ideal for cool-toned, light-luxury, and retro-industrial 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 for lubricants, fuels, and industrial oils, allowing for quick identification of different oil grades via its deep blue hue.

#### 5. Oil-Based Recoloring & Industrial Marking Supplies

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

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



### **Technical Specifications**

**CAS No.:**1328-51-4

**Density:** Approx. 1.25–1.35 g/cm<sup>3</sup>

**Short-term Heat Resistance:** 230?

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**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 !***

**Contact person:** Miss Jessie Geng

**Email:** [jessie@xcwychem.com](mailto:jessie@xcwychem.com)

**Mobilephone/Whatsapp:** +86-13503270825

Product link : <https://www.xcwydyes.com/solvent-blue-38.html>