
Solvent Blue 101



[Solvent Blue 101](#) (C.I. 615670) is a premium, high-temperature oil-soluble [solvent blue dye](#). It is completely insoluble in water, yet dissolves fully in organic solvents such as dichloromethane, xylene, and butyl acetate, forming a clear solution with no precipitation. Its core advantages include exceptional high-temperature heat resistance, excellent lightfastness, low migration, and high tinting strength.

Basic Features

High-Temperature Plastics / Transparent Masterbatch

Compatible with PC, PET, Nylon, ABS, PMMA, etc. Ideal for optical and automotive parts. Haze-free and non-blooming at 300°C.

Outdoor Solvent-Based Inks

For screen/gravure printing on films and leather. Ensures fine dots, no screen clogging, and zero color bleeding.

High-Temp Baked Coatings

For amino, acrylic, and epoxy coatings. Maintains stable color hue without fading after baking.

Waxes & Oil Marking

For sealing waxes, candles, and fuel tracing. Dissolves uniformly with no frosting or crystallization.

Fine Chemical Additives

For color pastes, nail polishes, and polyester dope dyeing. Adapts to various high-temp oil-based coloring needs.



Technical Specifications

CAS No.:6737-68-4

Density: 1.29 g/cm³

Short-term Heat Resistance: 300?

Lightfastness: Grade 7-8

Acid Resistance: Grade 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-101-2.html>