
Solvent Blue 90



[Solvent Blue 90](#) (C.I. 61704) is an anthraquinone-based, high-temperature oil-soluble [solvent blue dyes](#) with excellent heat and weather resistance. It is highly compatible with high-melting-point engineering plastics and cosmetics coloring. It can be used either as a standalone bluish-violet transparent base or as a complementary colorant for tinting, ensuring consistent color matching in mass production.

Basic Features

Dedicated to High-Temperature Transparent Plastics (Core Application): Ideal for transparent lighting fixtures, premium cosmetic packaging, and transparent automotive interior parts, etc. It remains fog-free during high-temperature molding, serving as a versatile universal blue-violet dye for high-temperature transparent masterbatch applications.

Primary Cyan Base for Ink Tinting: Suitable for screen printing, gravure printing for outdoor signage, gift laminated packaging, and leather inks. The fine print dots ensure a smooth, clog-free screen. It also guarantees no color bleeding or fading during long-term storage with multi-layer lamination.

Premium Transparent Wood Grain Staining: Ideal for solid wood wiping stains, transparent furniture varnishes, and resin craft casting resins. It features strong penetrating power, perfectly preserving the natural wood grain.

Nail Art and Oil-Based Cosmetic Coloring: A specialized dye for the oil phase of nail polishes and color cosmetics. It dissolves evenly with a clear, translucent finish, and fully meets cosmetic-grade coloring requirements.



Technical Specifications

CAS No.: 81-48-1

Density: 1.37 g/cm³

Short-term Heat Resistance: 280° (No decomposition or color shift during high-temperature extrusion and injection molding of PC, ABS, PMMA, and PET)

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-90.html>