
Solvent Blue 11



[Solvent Blue 11](#) ?C.I. 61525?is an anthraquinone-based oil-soluble [solvent blue dyes](#) and is the most widely used standard base blue in tinting facilities. This series of solvents offers excellent dissolving capabilities and is compatible with the vast majority of oil-soluble dyes. They can quickly and completely dissolve dyes like Oil Orange, Oil Yellow, and the fluorescent dye [Rhodamine B dye](#), with no precipitation or phase separation.

Basic Features

Transparent Plastic Bright Blue Coloring (Primary Application):

Ideal for transparent PS, ABS, PMMA, and PVC parts. Perfect for creating lake blue, transparent light blue, and high-gloss bright blue. It ensures a crystal-clear finish with no haze, blackening, or grayish cast after molding.

Standard Base Blue for Ink Tinting:

Widely used in screen printing, gravure packaging inks, and leather inks. Excellent for formulating pure blue, neutralizing green undertones, and creating light sky blue. It features a pure color hue, delivers clean printed dots without screen clogging, and prevents color bleeding under lamination.

Transparent Wood Grain Staining:

Perfect for solid wood wiping stains, furniture clear coats, and craft epoxy glues. It offers exceptional transparency, coloring the wood without obscuring the natural grain. Ideal for light-luxury transparent blue and vintage blue wood tones.

Coloring for Waxes & Oils:

Excellent for craft candles, lubricating oils, identification oils, and leather care oils. It

provides uniform coloring with no color floating or blooming on the surface.

Coatings, Masterbatches & Fine Chemicals?

Versatile and highly stable with minimal batch-to-batch color variation. Perfect for transparent topcoats, oil-based color pastes, aluminum anodizing coloring, and oil-based markers.





Technical Specifications

CAS No.: 128-85-8

Density: 1.31 g/cm³

Short-term Heat Resistance: 175? (No decomposition or color deviation during conventional injection molding of PS, ABS, and PMMA)

Lightfastness: Grade 5–6

Acid Resistance: Grade 5

Tinting Strength: 95%–105% (Compared to standard sample)

Water-soluble Content: ≥1.0%

Yeah ! Add Some Color To Your Life ! XCWY Dyes Welcome your contact !

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Product link : <https://www.xcwydyes.com/solvent-blue-11.html>