Solvent Brown 5



Solvent Brown 5 (C.I. 12150) is a highly cost-effective monoazo oil-soluble dye. Completely insoluble in water, it dissolves fully in organic solvents such as esters, aromatics, and ketones, forming a crystal-clear solution with no precipitation or impurities. It offers exceptional tinting versatility, effectively toning down excessive brightness. When blended with Solvent Black dyes, Solvent Yellow dyes, and Solvent Blue dyes, it is ideal for creating niche, textured color palettes like vintage earth tones, natural light browns, and matte coffee shades.

Basic Features

Affordable Light-Luxury Plastic Accessories
For lightweight transparent plastics (eyewear, buckles, acrylic pendants). Soft yellow-brown hue creates a low-saturation matte finish, neutralizing cheap looks. Haze-free at low/medium temps. Ideal for mass production.

Matte Home Furnishing Inks
For PVC and synthetic leather printing. Delivers a light, transparent matte finish without heavy coverage. Resists color bleeding, transfer, and fading under bending and long-term storage.

Transparent Wood Antiquing
For wooden crafts, bookmarks, and puzzles. Highly transparent finish fully preserves natural wood grain. Ideal for light coffee tones or vintage blends in hand-wiping and resin crafts.

Craft Waxes & Oil Tracing
For sealing and aromatherapy waxes, ensuring uniform melt dispersion with no frosting. Also serves as a cost-effective tracer for lubricants and light fuels.

Consumer DIY Refinishing
For leather care, shoe polish, markers, and aluminum coloring. Provides a light,

breathable coating that enhances the substrate's natural texture with a natural, even finish.



Technical Specifications

CAS No.?2653-72-7

Density: 1.20 g/cm³

Short-term Heat Resistance: 225?

Lightfastness: Grade 4-5

Acid Resistance: Grade 4

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.



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Product link：https://www.xcwydyes.com/solvent-brown-5.html