Solvent Black 3



Solvent Black 3 (C.I. 26150) is a highly versatile azo oil-soluble solvent black dye. It is insoluble in water but readily dissolves in organic solvents such as esters, ketones, and aromatic hydrocarbons, forming a transparent color hue with minimal precipitation.

Basic Features

Plastic Masterbatch
For general transparent plastics. Haze-free and non-blooming at 250°C. A cost-effective solution for everyday transparent products.

Matte Black Inks
For laminated packaging, synthetic leather, and foil. Delivers fine dots, prevents color bleeding, and suits mid-to-low-end mass production.

Vintage Wood Finishes
For furniture and flooring. Creates transparent walnut black and charcoal brown bases that enhance the natural wood grain.

Decorative Waxes
For black and sealing waxes. Ensures uniform melt dispersion with no frosting or mottling.

Consumer Care & Coloring

For leather oils, markers, shoe polish, and aluminum anodizing. Provides a sheer, transparent color without an opaque feel.



Technical Specifications

CAS No.: 4197-25-5

Density: 1.23 g/cm³

Short-term Heat Resistance: 250?

Lightfastness: Grade 6

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-black-3.html