Solvent Yellow 45



Solvent Yellow 45 ?C.I. 13900?is an oil-soluble solvent yellow dyes primarily used for transparent coloring in various non-aqueous systems. Due to its excellent solubility in organic solvents, it forms a highly transparent yellow solution upon dissolution. Therefore, it is widely applied in industrial coloring scenarios that demand high transparency and uniform color distribution.

Basic Features

Printing Inks: Ideal for coloring solvent-based gravure inks, screen printing inks, and printing on films, metal foils, and labels.

Oils & Waxes Coloring: Suitable for coloring lubricating oils, fuel identification colors, shoe polishes, candles, hot-melt waxes, and wax crafts.

Plastic Coloring: Perfect for transparent coloring and masterbatch tinting of thermoplastic resins such as PS, ABS, SAN, and PMMA

Other Applications: Widely used in oil-based marker inks, leather finishing agents, aluminum anodizing dyeing, insulating oil marking, and resin crafts.

This product is ideal for industrial coloring, plastic dyeing, and marking applications. When formulating Rhodamine B dye fluorescent dye solutions, it offers a moderate evaporation rate and forms a uniform film, ensuring consistently stable overall performance.



Technical Specifications

Density: 1.21 g/cm³

Short-term Heat Resistance: 190? (No color deviation or decomposition during injection molding of amino baking paints, PMMA, and PS)

Lightfastness: Grade 6

Acid Resistance: Grade 4

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

Water-soluble Content: ?1.0%



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Product link：https://www.xcwydyes.com/solvent-yellow-45.html