Solvent Yellow 184



Solvent Yellow 184 (C.I. 71090) is a fluorescent oil-soluble solvent yellow dye. Completely insoluble in water, it forms a crystal-clear solution with no precipitation or impurities. With a heat resistance of up to 260°C and balanced acid-alkali resistance, it delivers high color saturation and a striking fluorescent texture. It is a mainstream yellow dye specifically designed for premium transparent plastics, fluorescent inks, and craft waxes.

Basic Features

Fluorescent Transparent Plastic Masterbatch
For high-temperature transparent plastics (stationery, lighting guides, cosmetic packaging). Haze-free and non-blooming at 260°C. Features a unique cool-toned fluorescent yellow, ideal for premium plastic products.

Specialty Fluorescent Inks
For PVC films, synthetic leather, gift packaging, and outdoor ads. Delivers a fine fluorescent base without screen clogging and resists color transfer under lamination. Ideal for crafts and warning signs.

Resin & Wood Coloring
For epoxy resin decor and light-luxury furniture. Highly transparent finish that preserves wood grain. Can be used alone for fluorescent yellow or blended for vintage olive tones.

Craft Waxes & Oil Tracing
For high-temp aromatherapy and sealing waxes, ensuring uniform melt dispersion with no frosting. Also acts as a tracer for lubricants and fuels to quickly identify oil grades.

Fluorescent Oil-Based Recoloring
For highlighters, leather care oils, shoe polish, and aluminum anodizing. Compatible with various temperature oil-based systems, providing a sheer coating that fully preserves the substrate's texture.



Technical Specifications

Density: 1.20 g/cm³

Short-term Heat Resistance: 260?

Lightfastness: Grade 5-6

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.



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Product link：https://www.xcwydyes.com/solvent-yellow-184.html