# Solvent Yellow 18



Solvent Yellow 18 ?C.I. 12740? is a widely used transparent yellow colorant among industrial solvent yellow dyes. It dissolves directly in various organic solvents, delivering a bright and crystal-clear coloration. Featuring a pure, bright yellow hue and high color stability, it is a highly versatile yellow dye for industrial transparent tinting.

## Basic Features

**Industrial Transparent Coatings:** Ideal for tinting nitrocellulose lacquers, alkyd varnishes, transparent wood stains, and plastic transparent topcoats.

**Oil & Wax Coloring:** Perfect for coloring lubricating oils, fuels, shoe polishes, waxes, paraffin, and decorative candles.

**Printing Inks:** Suitable for solvent-based gravure and screen printing transparent inks, as well as printing on plastic films and metal foils.

**Plastic Dyeing:** Applicable for surface wiping and penetration dyeing of specific thermoplastic resins.

**Stationery & Daily Chemicals:** Widely used for tinting oil-based marker inks, solvent-based dye solutions, and leather oil-based finishing agents.



## Technical Specifications?

CAS number: 6407-78-9

Density: 1.19 g/cm³

Short-term Heat Resistance: 180?

Lightfastness: Grade 5-6

Acid / Alkali Resistance: Grade 4

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

Water-soluble Content: ?1.0%

This solvent features excellent heat and acid resistance. At room temperature, it efficiently dissolves fluorescent colorants like Rhodamine B dye. With an extremely low water-soluble content, it won't compromise the dye's coloring performance.



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Product link：https://www.xcwydyes.com/solvent-yellow-18.html