Solvent Yellow 47



Solvent Yellow 47 (C.I. 12740) is a greenish-yellow oil-soluble solvent yellow dye. Completely insoluble in water, it dissolves readily in aromatics, esters, ketones, and various oil-based resins and wax systems. It offers excellent heat resistance and minimal batch-to-batch color variation, striking a perfect balance between cost-effectiveness and coloring transparency.

Basic Features

Cool-Toned Transparent Plastic Masterbatch

Ideal for translucent stationery, light guides, decorative pendants, and semi-transparent cosmetic packaging. It maintains excellent stability, gloss retention, and prevents blooming during 220°C injection molding, making it perfect for high-volume budget plastic production.

Flexible Film & Synthetic Leather Ink Formulation

Suitable for screen and gravure printing on PVC films, synthetic leather, and gift/stationery packaging. It delivers a fine, uniform finish without screen clogging, and resists color bleeding and migration when laminated.

Wood Crafts & Epoxy Resin Coloring

Perfect for small wooden items, wood crafts, and epoxy resin stationery. The highly transparent finish fully preserves the natural wood grain, making it an excellent standalone color for various handmade crafts.

Craft Waxes & Industrial Oil Tracing

Ideal for coloring craft waxes, ensuring uniform melt dispersion with no frosting or floating color. It also serves as an effective tracer dye for industrial oils.

Budget Oil-Based DIY Recoloring Supplies

Used to formulate oil-based highlighters, leather care oils, shoe polishes, and transparent aluminum coloring solutions. Highly versatile for room-temperature

applications, it provides a sheer, transparent coating that preserves the substrate's original texture.



Technical Specifications

CAS No.? 12227-04-2

Density: 1.18–1.28 g/cm³

Short-term Heat Resistance: 220?

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.



Contact person: Miss Jessie Geng

Email:jessie@xcwychem.com

Mobilephone/Whatsapp: +86-13503270825

Product link：https://www.xcwydyes.com/solvent-yellow-47.html