Solvent Orange 86



Solvent Orange 86 ?C.I. 58050?is a premium oil-soluble transparent dye characterized by high transparency, excellent heat resistance, and brilliant color vibrancy.

Specially formulated for oil-based, high-temperature processing systems,along with solvent yellow dyes, it is highly compatible with non-aqueous media such as various resins, solvents, rubber and plastics, and oils. The finished products exhibit outstanding transparency and gloss.

Widely applied in mid-to-high-end industrial coloring scenarios, this dye offers exceptional versatility in color matching and formulation.

Basic Features

Printing Inks: Suitable for high-end solvent-based gravure and screen printing inks. Ideal for transparent orange printing on food packaging films, metal foils, premium labels, and hot stamping auxiliary materials.

Oils & Waxes Coloring: Excellent for high-end coloring of artisanal candles, hot-melt waxes, premium shoe polishes, industrial lubricants, and fuel identification oils, delivering a clear, transparent finish without any dullness.

Transparent Coloring for Rubber & Plastics: Ideal for high-temperature extrusion and injection molding penetration coloring of transparent plastics such as ABS, PS, PMMA, and SAN. Also perfect for tinting premium plastic accessories and optical components.

Fine Daily Chemicals & Industrial Additives: Applied in the fine chemical industry for high-end oil-based marker inks, leather oil-based finishing agents, resin epoxy glues, insulating oils, and premium aluminum anodizing coloring.

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 Spesifications

CAS No.: 81-64-1

Density: 1.53 g/cm³

Short-term Heat Resistance: 240? (No decomposition or color deviation during high-temperature extrusion and injection molding of PC, ABS, PMMA, and PET)

Lightfastness: Grade 6–7

Acid Resistance: Grade 5

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

Water-soluble Content: ?1.0%



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Product link：https://www.xcwydyes.com/solvent-orange-86.html