Solvent Red 33



Solvent Red 33 (C.I. 26100) is a warm, yellowish-red oil-soluble dye. Completely insoluble in water, it dissolves readily in esters, ketones, aromatics, and oil-based resin systems. It offers excellent heat stability, high tinting strength, and minimal batch-to-batch color variation. With outstanding cost-effectiveness, it is a versatile base red dye widely used in plastics, inks, and cultural/creative products. This dye can be perfectly compounded with various solvent yellow dyes, matching solvent yellow 21?solvent yellow 47?solvent yellow 56 and other conventional yellow oil-soluble dyes to formulate orange red, brick red and warm brown color systems, with wide color matching adaptability and stable color superposition effect.

Basic Features

Transparent Plastic Masterbatch Coloring

Ideal for translucent stationery, lighting accessories, decorative ornaments, and cosmetic packaging. Highly stable during 230°C high-temperature processing, it delivers a soft, yellowish-red hue, making it perfect for high-volume budget transparent plastic products.

Flexible Film & Leather Printing Inks

Suitable for screen and gravure printing on PVC films, synthetic leather, and gift packaging to create warm red base colors. It provides a fine, uniform finish without screen clogging, and resists color migration and bleeding when laminated.

Wood Crafts & Resin Epoxy Coloring

Specially designed for natural wood jewelry and resin ornaments. Its highly transparent finish completely preserves the natural wood grain. As a standalone color, it yields a warm brick red; when blended with yellow and black dyes, it creates a vintage brownish-red wood texture.

Craft Waxes & Industrial Oil Tracing

Perfect for coloring aromatherapy and journal sealing waxes, ensuring uniform melt dispersion with no frosting or floating color. It can also be added to lubricants and fuels, allowing for quick grade identification via its distinctive red hue.

Oil-Based DIY Recoloring Supplies
Used to formulate red highlighter inks, leather care oils, shoe polishes, and transparent aluminum anodizing solutions. It provides a sheer, natural-looking coating that fully preserves the original texture of the substrate.



Technical Specifications

Density: 1.20–1.29 g/cm³

Short-term Heat Resistance: 230?

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.



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Product link：https://www.xcwydyes.com/solvent-red-33.html