Pigment Red 53:1 Paste



Pigment Red 53:1 Paste is a lake-type organic pigment paste, commonly referred to as Lithol Red. It presents as a bluish-shade brilliant red with a rich, full mass tone and high tinting strength. Characterized by its cost-effectiveness, it exhibits excellent dispersion properties in oil-based systems. However, it is highly sensitive to the pH of the medium and demonstrates limited resistance to acids and alkalis. Consequently, it is highly suitable for cost-sensitive industrial coloring applications but is strictly not intended for food-contact systems.

Pigment Red 53:1 Paste Product parameters:

CAS No.?5160-02-1

C.I. No.: 15585

Molecular Formula: C??H??CaN?O?S?

Average Particle Size: 0.34–1.0 ?m

Light Fastness: Grade 4-5 (Scale 1–8)

Heat Resistance: 130?140?

Water-soluble Matter: ? 1.5%

Oil Absorption: 45–75 g/100g

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


XCWY
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Pigment Red 53:1 Paste Application:

Offset and Solvent-Based Inks
Compatible with offset inks and solvent-based surface printing inks. Ideal for standard labels, packaging, and book printing. It delivers vibrant colors, excellent press runnability, and high cost-performance. It is not suitable for lamination reverse printing or applications requiring high weather resistance.

Coloring for Rubber and Stationery Products
Widely used for coloring miscellaneous rubber parts, plastic toys, crayons, oil pastels, and other stationery items. It ensures smooth mixing and dispersion in rubber systems, providing bright colors that are well-suited for high-volume consumer goods.

General Industrial Coatings
Applicable to solvent-based air-dry paints and decorative art coatings. Strictly for indoor use; avoid exposure to outdoor UV radiation. Not recommended for aqueous systems with strong acids or alkalis.

As largest manufacturer of rhodamine b dye, our color include yellow, red, blue, green, orange and red. Welcome send us inquiry.



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Product link：https://www.xcwydyes.com/pigment-red-531-paste.html