
Pigment Red 48:1 Paste



[Pigment Red 48:1 Paste](#) is a calcium salt lake organic pigment. Characterized by its strong tinting strength, highly saturated powder color, and excellent dispersion properties, it is a highly cost-effective and widely used brilliant red [pigment paste](#) in the ink industry. However, this grade is relatively sensitive to acids and alkalis, exhibits moderate solvent resistance, and is not suitable for prolonged outdoor exposure.

Pigment Red 48:1 Paste Product parameters:

CAS No. 7585-41-3

C.I. No.: 15865:1

Molecular Formula: $C_{20}H_{12}CaN_2O_4S_2$

Average Particle Size: 0.3–0.8 μ m

Light Fastness: Grade 4-5 (Scale 1–8)

Heat Resistance: 120–135 $^{\circ}$ C

Water-soluble Matter: $\leq$ 1.5%

Oil Absorption: 40–70 g/100g

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



Pigment Red 48:1 Paste Application:

Solvent-Based and Offset Inks

Compatible with offset inks and solvent-based surface printing inks. Ideal for standard packaging, labels, and book printing. It delivers vibrant color development and excellent flowability within ink systems, offering outstanding cost-performance. It is not suitable for lamination reverse printing or applications requiring high weather resistance.

Stationery and Rubber Products

Extensively used for coloring crayons, oil pastels, plastic stationery, and miscellaneous rubber parts. It ensures smooth mixing and dispersion during compounding. Featuring a highly expressive yellowish-red shade, it is well-suited for high-volume general consumer goods.

Interior Decorative Coatings

Applicable to interior air-dry decorative paints. Strictly for indoor use; not intended for outdoor applications. Avoid use in environments 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.



Yeah ! Add Some Color To Your Life ! XCWY Dyes Welcome your contact !

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Product link : <https://www.xcwydyes.com/pigment-red-481-paste.html>