
Pigment Red 146 Paste



[Pigment Red 146 Paste](#) is a benzimidazolone organic red [pigment paste](#), corresponding to C.I. No. 18560. The paste features high tinting strength, excellent lightfastness, heat resistance, and chemical resistance, as well as superior anti-migration properties. Highly compatible with various water-based resins, it remains stable during storage without stratification. This pigment is insoluble in water and organic solvents such as alcohols, esters, and ketones; it can only be uniformly dispersed in water-based systems and cannot be completely dissolved.

Pigment Red 146 Paste Product parameters:

C.I. No.: 18560

Molecular Formula: C₁₆H₈N₂O₂

Average Particle Size: 0.163–0.21 μm

Light Fastness: Grade 7-8 (Scale 1–8)

Heat Resistance: ≥ 220°C

Water-soluble Matter: ≤ 1.0%

Oil Absorption: 41–53 g/100g

Tinting Strength: 93%–107% (compared to standard sample)



Pigment Red 146 Paste Application:

Water-based Packaging Printing Inks

Compatible with water-based flexographic and gravure inks. Ideal for printing labels, gift boxes, and paper packaging. It delivers sharp halftone dots and resists color bleeding and migration, making it perfect for color matching in mid-to-high-end packaging.

Decorative Water-based Coatings

Applicable to water-based wood coatings, interior artistic wall paints, and air-dry decorative paints. It provides a rich, full color in the paint film with long-lasting color stability.

Plastics and Masterbatch Processing

Used for coloring both soft and hard plastics such as PVC and PU. It is particularly suitable for plastic products that require high anti-migration properties.

Leather and Stationery/Crafts

Ideal for synthetic leather finishes, hand-painted art pigments, and resin crafts. It offers excellent versatility for compounding a wide range of rich tones, including rose red and wine red.

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-146-paste.html>