
Pigment Yellow 154 Paste



[Pigment Yellow 154 Paste](#) is a high-performance benzimidazolone organic yellow [pigment paste](#), corresponding to C.I. No. 11781. The paste is fine and smooth, completely free of particle agglomerates. It features outstanding tinting strength, as well as excellent lightfastness, weather resistance, heat resistance, and chemical resistance. It also demonstrates superior anti-migration properties.

Highly compatible with various water-based resin systems, it remains stable during storage without stratification or sedimentation. This pigment is insoluble in organic solvents such as alcohols, esters, and ketones. It can only be uniformly dispersed in water-based systems and cannot be completely dissolved.

Pigment Yellow 154 Paste Product parameters:

CAS No.: 68134-22-5

C.I. No.: 11781

Molecular Formula: $C_{14}H_{10}N_2O_2$

Average Particle Size: 0.14–0.22 μm

Light Fastness: Grade 7–8 (Scale 1–8)

Heat Resistance: $\geq 220^{\circ}C$

Water-soluble Matter: $\leq 1.0\%$

Oil Absorption: 42–54 g/100g

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



Pigment Yellow 154 Paste Application:

Premium Water-based Packaging Printing Inks

Suitable for water-based flexographic and gravure inks. Ideal for printing food packaging, labels, and gift boxes. It delivers sharp halftone dots and excellent anti-migration properties, and demonstrates stable performance when compounded to create brown and orange tones.

Outdoor Water-based Industrial Coatings

Applicable to exterior wall latex paints, water-based wood coatings, and air-dry metal paints. It withstands harsh outdoor environments, ensuring the paint film resists fading and discoloration.

Plastics and Masterbatch Preparation

Used for coloring PVC, PU, and certain polyolefin plastics. It is particularly suitable for plastic products that require high anti-migration properties.

Stationery and Leather Finishes

Ideal for hand-painted art pigments, synthetic leather surface coloring, and resin crafts. It offers a soft, steady reddish-yellow tone, providing ample room for versatile color compounding.

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-yellow-154-paste.html>