
Pigment Orange 73 Paste



[Pigment Orange 73 Paste](#) is a high-performance organic [pigment paste](#) belonging to the diketopyrrolopyrrole (DPP) family. It is insoluble in water and conventional organic solvents, and can only achieve stable dispersion in water-based systems.

It boasts high tinting strength and excellent lightfastness and weather resistance, along with impressive heat resistance. Compared to standard azo orange pigments, it exhibits significantly superior resistance to bleeding and migration. However, due to its relatively high cost, it is primarily used in mid-to-high-end color matching applications and is not suitable for high-volume, cost-sensitive low-end products.

Pigment Orange 73 Paste Product parameters:

CAS No.: 84632-59-7

C.I. No.: 56117

Molecular Formula: C₂₂H₁₀N₂O₂

Average Particle Size: 0.14–0.22 μm

Light Fastness: Grade 7-8 (Scale 1–8)

Heat Resistance: ≥240 °C

Water-soluble Matter: ≤1.0%

Oil Absorption: 44–54 g/100g

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



Pigment Orange 73 Paste Application:

High-End Water-Based Packaging Inks

Compatible with flexographic and gravure printing processes, ideal for premium gift boxes, cosmetic labels, and composite paper printing. It offers outstanding color saturation to meet the color matching needs for spot orange. It produces fine halftone dots and exhibits excellent migration resistance under multi-layer lamination, preventing color bleeding.

Weather-Resistant Water-Based Coatings

Applied in exterior decorative paints, premium water-based wood coatings, and air-drying industrial topcoats. It maintains stable color shades in outdoor environments, making it highly suitable for coating products that require long-term color retention.

Coloring for Synthetic Leather and Crafts

Ideal for surface finishing of synthetic leather, artistic hand-painting pigments, and color matching for room-temperature resin crafts. It can be compounded with red and yellow pigments to create a rich palette of warm tones. Note: Avoid ultra-high-temperature hot-pressing post-processing during manufacturing.

Water-Based Colorants for Plastics

Can be used as water-based pigment dispersions for PVC and PU. Due to cost constraints, it is primarily applied in small-batch, high-value-added products and is not suitable for high-volume production of standard plastics.

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 !

Contact person: Miss Jessie Geng

Email: jessie@xcwychem.com

Mobilephone/Whatsapp: +86-13503270825

Product link : <https://www.xcwydyes.com/pigment-orange-73-paste.html>