
Pigment Yellow 110 Paste



[Pigment Yellow 110 Paste](#) is a high-performance isoindoline organic yellow [pigment paste](#), corresponding to C.I. No. 56280. The paste is fine and smooth, featuring outstanding tinting strength as well as excellent lightfastness, weather resistance, heat resistance, and chemical resistance. It also demonstrates strong anti-migration properties.

Highly compatible with various water-based resin systems, it resists stratification and sedimentation during storage. 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 110 Paste Product parameters:

Molecular Formula: C₁₆H₈N₂O₂

Average Particle Size: 0.13–0.21 μm

Light Fastness: Grade 7-8 (Scale 1–8)

Heat Resistance: ≥ 240°C

Water-soluble Matter: ≤ 1.0%

Oil Absorption: 38–50 g/100g

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



Pigment Yellow 110 Paste Application:

Premium Water-based Printing Inks

Compatible with high-end flexographic and gravure packaging inks. Ideal for printing food composite packaging, labels, and cultural/creative gift boxes. It delivers fine halftone dots and excellent anti-migration properties, meeting the strict coloring requirements of premium packaging.

Outdoor Industrial Water-based Coatings

Suitable for artistic exterior wall paints, industrial protective coatings, and water-based metal baking finishes. It resists fading under prolonged outdoor exposure, making it ideal for tinting high-weatherability coating systems.

Engineering Plastics and Masterbatches

Applicable in the preparation of masterbatches for engineering plastics such as PVC, PC, and ABS. It withstands high-temperature processing while ensuring the final products maintain bright and stable colors.

Stationery and Resin Crafts

Used in premium hand-painted pigments, leather surface finishes, and epoxy resin ornaments. When compounded with red and blue pigments, it can create a variety of vibrant yellow-green and olive tones.

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-yellow-110-paste.html>