
Pigment Yellow 42 Paste



[Pigment Yellow 42 Paste](#) (C.I. 77492, Iron Oxide Yellow) is an inorganic iron oxide [pigment paste](#). It features a highly stable chemical structure, offering excellent hiding power and outstanding weather resistance. Non-toxic and non-migrating, it exhibits superior UV resistance and is highly resistant to discoloration even after prolonged outdoor exposure. With good opacity and consistent tinting strength, it also demonstrates excellent alkali resistance.

Pigment Yellow 42 Paste Product parameters:

CAS No.: 51274-00-1

Molecular Formula: $\text{Fe}_2\text{O}_3 \cdot \text{H}_2\text{O}$

Density: 3.4–4.1 g/cm³

Max. Heat Resistance: 180°C

Light Fastness: Grade 8

Weather Resistance: Grade 5

Water-Soluble Matter: ≤ 1.0%

Oil Absorption: 35–45 g/100g

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



Pigment Yellow 42 Paste Application:

Architectural and Industrial Coatings

Ideal for interior and exterior wall latex paints, real stone paints, floor coatings, and epoxy anti-corrosion primers. It offers long-lasting weather resistance and is frequently compounded with other iron-based pigments to create sand and coffee tones.

Cement and Construction Material Coloring

Incorporated into mortar, permeable bricks, colored asphalt, artificial stones, and cement color tiles. It exhibits excellent compatibility with alkaline cement systems, achieving full-body coloring for the finished products.

Plastics, Rubber, and Masterbatch Processing

Suitable for coloring general-purpose plastics, rubber, and wood-plastic composite (WPC) boards. It ensures smooth dispersion with no bleeding during high-temperature processing, making it perfect for tinting daily-use plastics and industrial rubber and plastic products.

Artistic Paints and Wood Coatings

Applied in art paints, furniture wood varnishes, and standard powder coatings. It can be compounded with organic pigments to formulate vintage earth tones, ensuring long-term color stability in the paint film.

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-yellow-42-paste.html>