
Pigment Red 101 Paste



[Pigment Red 101 Paste](#) is an iron oxide inorganic red [pigment paste](#), corresponding to C.I. No. 77491. The paste is fine and smooth, completely free of coarse particles and agglomerates. It features strong hiding power, outstanding lightfastness and weather resistance, as well as excellent acid and alkali resistance with high chemical stability.

Highly compatible with the vast majority of water-based resins, it exhibits minimal sedimentation during storage. This pigment is insoluble in water and various organic solvents, and can only be uniformly dispersed in water-based systems.

Pigment Red 101 Paste Product parameters:

C.I. No.: 77491

Molecular Formula: Fe_2O_3

Average Particle Size: 0.16–0.26 μm

Light Fastness: Grade 8 (Scale 1–8)

Heat Resistance: $\geq 280^\circ\text{C}$

Water-soluble Matter: $\leq 1.2\%$

Oil Absorption: 32–45 g/100g

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



Pigment Red 101 Paste Application:

Architectural Water-based Coatings

Suitable for interior and exterior wall latex paints, floor coatings, and cement product coloring. It withstands the alkaline environment of cement and resists fading during long-term outdoor exposure, serving as a foundational red raw material for architectural coatings.

Industrial Protective and Anti-corrosion Paints

Applicable to water-based anti-rust primers and metal protective coatings. It offers excellent hiding power, providing both coloring and supplementary anti-rust effects.

Rubber, Plastics, and Masterbatch Systems

Ideal for rubber products, PVC, and masterbatches for various general-purpose plastics. It delivers steady, muted colors to the final products while ensuring weather resistance and anti-aging properties.

Stationery and Craft Coloring

Used in hand-painted pigments, artificial stone, and resin ornaments. It is perfect for blending earth tones such as brick red and brownish-red.

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-red-101-paste.html>