
Pigment Yellow 83 Paste



[Pigment Yellow 83 Paste](#) is a premium water-based pre-dispersed [pigment paste](#), formulated with highly symmetric diarylide organic yellow pigment (C.I. 21108) as the core raw material and refined through an advanced wet ultra-fine dispersion process. As a high-weatherability organic yellow pigment, it delivers a standard medium-yellow golden hue with exceptional color purity, free from greenish or reddish undertones. Characterized by uniform dispersion and superior batch-to-batch consistency, this highly versatile yellow colorant is ideal for demanding applications in the coatings, inks, and textile printing industries.

Pigment Yellow 83 Paste Product parameters:

- » Average Particle Size: 0.11–0.20 μ m
- » Tinting Strength: 94%–108% (compared with standard sample)
- » Moisture Content: $\leq$ 3.2%
- » Soluble impurities content: $\leq$ 2.1%
- » Oil Absorption: 32–46g/100g
- » Light Fastness (Full Shade): Grade 6–7 (rating scale: 1–8)
 - » Light Fastness (Tint Shade): Grade 5–6 (rating scale: 1–8)
- » Water Resistance: Grade 4–5 (rating scale: 1–5)
- » Acid and Alkali Resistance: Grade 4 (rating scale: 1–5)
- » Heat Resistance: No discoloration during short-term processing at 180°C



Pigment Yellow 83 Paste Application:

- » **Coatings:** Ideal for tinting eco-friendly interior/exterior latex paints, outdoor weather-resistant coatings, wood decorative paints, and plastic paints, delivering a bright and durable finish.
- » **Inks:** Perfectly suited for water-based flexographic and gravure inks, paper packaging, and label printing, ensuring solid print dots, high clarity, and excellent rub resistance.
- » **Textiles:** Excellent for pigment printing on cotton and blended fabrics, providing

stable color fastness and outstanding wash resistance.

» **Specialty Tinting:** Adapts seamlessly to precision tinting for resin crafts, leather finishing, art paints, and latex hand-painting colors.

Advantages and applications :

PIGMENT YELLOW 83 PASTE
STANDARD GOLDEN YELLOW FOR COATINGS, INKS AND TEXTILES

COLOR COMPARISON

- YELLOW 83
- YELLOW 12
- YELLOW 13
- YELLOW 14

ADVANTAGES & USES

- EXTERIOR PAINT
- WATER INK
- WOOD COAT
- TEXTILE
- PLASTIC

PIGMENT YELLOW 83 PASTE
100 g/3.5 oz

HIGH COLOR STRENGTH | **WEATHER RESISTANCE** | **LOW MIGRATION** | **WATER-BASED FORMULA**

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-83-paste.html>