
Pigment Yellow 138 Paste



[Pigment Yellow 138 Paste](#) is a high-performance, water-based pre-dispersed quinophthalone organic yellow [pigment paste](#), corresponding to C.I. 56300. As a premium high-weatherability yellow pigment, it exhibits outstanding weather, heat, and migration resistance. It features a clean, transparent greenish-yellow hue with vibrant color saturation and excellent clarity.

Manufactured via a closed wet ultra-fine grinding process, this product ensures a highly uniform particle size distribution, completely free from coarse particles and agglomerates. It is the optimal yellow colorant for high-end coatings, eco-friendly inks, and functional textile printing applications.

Pigment Yellow 138 Paste Product parameters:

- » Average Particle Size: 0.10–0.18 μ m
- » Tinting Strength: 95%–109% (compared with standard sample)
- » Moisture Content: $\leq$ 3.0%
- » Soluble impurities content: $\leq$ 2.0%
- » Oil Absorption: 35–50g/100g
- » Light Fastness (Full Shade): Grade 7–8 (rating scale: 1–8)
- » Light Fastness (Tint Shade): Grade 6–7 (rating scale: 1–8)
- » Water Resistance: Grade 5 (rating scale: 1–5)
- » Acid and Alkali Resistance: Grade 4–5 (rating scale: 1–5)

» Heat Resistance: No discoloration during short-term processing at 220?



Pigment Yellow 138 Paste Application:

» **Premium Coatings:** Ideal for tinting high-end interior/exterior weather-resistant latex paints, outdoor industrial anti-corrosion coatings, wood varnishes, plastic decorative paints, and children's toy coatings, delivering a transparent and durable finish.

» **High-End Inks:** Perfectly suited for flexographic and gravure water-based ink printing on premium packaging, color boxes, food packaging, and high-end labels, ensuring

crisp print patterns with excellent lightfastness and rub resistance.

» **Textile Printing:** Widely applied in high-end pigment printing on cotton, synthetic, and blended fabrics, guaranteeing a soft hand feel, outstanding wash fastness, and resistance to fading.

» **Specialty Tinting:** Adapts seamlessly to precision tinting for resin crafts, fine leather finishing, art hand-painting colors, and educational color pastes.

» **Summary:** A highly cost-effective, weather-resistant yellow pigment design

advantages and applications :



As largest manufacturer of rhodamine b dye, our color include yellow, red, blue, green, orange and red. Welcome send us inquiry.

Contact person: Miss Jessie Geng

Email:jessie@xcwychem.com

Mobilephone/Whatsapp: +86-13503270825

Product link : <https://www.xcwydyes.com/copy-pigment-yellow-83-paste.html>