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?m

» Tinting Strength: 95%–109% (compared with standard sample)

» Moisture Content: ?3.0%

» Soluble impurities content: ?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 designe

Advantages and applications：

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-138-paste.html