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?m

» Tinting Strength: 94%–108% (compared with standard sample)

» Moisture Content: ?3.2%

» Soluble impurities content: ?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?



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：



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/pigment-yellow-83-paste.html