



QINGDAO SANHUAN COLORCHEM CO., LTD.

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TECHNICAL DATA SHEET

Pigment Yellow 83

1. Product Name

Trade Name: Permanent Yellow HR-OP

C.I.: Pigment Yellow 83

C.I. No.: 21108

CAS No.: 5567-15-7

Molecular Formula: C₃₆H₃₂Cl₄N₆O₈

Formula Weight: 818.49

Chemical Group: Diarylide

2. Physical, Chemical and Resistance Properties

Appearance: Yellow Powder

Shade: Similar to Standard

Bulk Density(lb/gal): 10.1-12.5

Moisture: ≤1.5

Fineness(80 Mesh): ≤5.0

PH Value: 4.4-6.9

Water Soluble Matter (%): ≤1.0

Oil Absorption (ml/100g): 39-98

Electric Conductivity (us/cm): ≤500

Acid Resistance: 5

Alkali Resistance: 5

Water Resistance: 5

Oil Resistance: 5

Alcohol Resistance: 5

Ester Resistance: 5

Benzene Resistance: 5

Bleeding Resistance: 5

Heat Resistance (°C): 220

Light Fastness (8=excellent): 5

3. Application

Application: printing, plastic,water-base coating, water-base ink.

4. Packing



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Packed in 25kgs Bag with Pallet.