



QINGDAO SANHUAN COLORCHEM CO., LTD.

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TECHNICAL DATA SHEET

Pigment Yellow 13

1. Product Name

Trade Name: Permanent Yellow GR-WT

C.I. Pigment Yellow 13

C.I. No. 21100

CAS No. 5102-83-0

Chemical Formula: C₃₆H₃₄CL₂N₆O₄

Molecular Weight: 685.60

Chemical Group Diarylide

2. Physical, Chemical and Resistance Properties

Appearance: Yellow Powder

Shade: Similar to Standard

Bulk Density (lb/gal): 10.0-12.0

Moisture (%) ≤ 2.5

Water Soluble Matter (%) ≤ 1.5

Oil Absorption (ml/100g) 35-45

Electric Conductivity (us/cm) ≤ 500

Fineness (80mesh) % ≤ 5.0

PH Value 5.2-7.5

Acid Resistance 5

Alkali Resistance 5

Water Resistance 5

Oil Resistance 5

Alcohol Resistance 5

Ester Resistance 5

Benzene Resistance 5

Ketone Resistance 5

Soap Resistance 4

Bleeding Resistance -

Migration Resistance -

Heat Resistance (°C) 180

Light Fastness (8=excellent) 5



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3. Application

Application: Printing, plastic,water-base coating, solvent-base coating, water-base ink.

4. Packing

Packed in 25kgs Bag with Pallet