QINGDAO SANHUAN COLORCHEM CO., LTD.

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TECHNICAL DATA SHEET

Pigment Yellow 151

1. Product Name

Trade Name: Pigment Yellow 151 (H4G-C)
C.I.: Pigment Yellow 151
C.I. No.: 13980
CAS No.: 31837-42-0
EINECS No.: 250-830-4
Chemical Formula: $C_{18}H_{15}N_5O_5$
Molecular weight: 381.34

2. Physical, Chemical and Resistance Properties

Appearance: Yellow Powder
Shade: Similar to Standard
Tinting Strength (%): 100±5
Moisture (%): ≤1.5
Water Soluble Matter (%): ≤1.5
Oil Absorption (ml/100g): 45~60
Electric Conductivity (us/cm): ≤500
Fineness 80 mesh(%): ≤5.0
PH Value: 6.0~8.0
Acid Resistance(5=excellent): 5
Alkali Resistance(5=excellent): 5
Water Resistance(5=excellent): 5
Butanol Resistance(5=excellent): 4~5
Xylene Resistance(5=excellent): 4~5
MEK Resistance (5=excellent): 4~5
Weather Resistance(5=excellent): 4~5
Heat Resistance (℃): 200
Light Fastness Full Shade (8=excellent): 8
Light Fastness Reduced Tinting (8=excellent): 8

3. Application

Suggested for Solvent base paint,Water base paint.

4. Packing

In 10 kgs bag with pallet.