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TECHNICAL DATA SHEET

Pigment Yellow 181

1. Product Name

Trade Name: Pigment Yellow 181 (H3R)

C.I.: Pigment Yellow 181

C.I. No.: 11777

CAS No.: 74441-05-7

EINECS No.: 277-873-1

Chemical Formula: $C_{25}H_{21}N_7O_5$

Molecular weight: 499.48

2. Physical, Chemical and Resistance Properties

Appearance: Yellow Powder

Shade: Similar to Standard

Tinting Strength (%): 100±5

Moisture (%): ≤1.5

Water Soluble Matter (%): ≤1.0

Oil Absorption (ml/100g): 40~60

Electric Conductivity (us/cm): ≤500

Fineness (80mesh) (%): ≤5.0

PH Value: 6.5~8.0

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): 3~4

Weather Resistance(5=excellent): 3~4

Heat Resistance (℃): 300

Light Fastness Full Shade (8=excellent): 8

Light Fastness Reduced Tinting (8=excellent): 8

3. Application

Suggested for Plastic,Solvent base paint,Water base paint.

4. Packing

In 10 kgs bag with pallet.