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TECHNICAL DATA SHEET

Pigment Yellow 83

1. Product Name

Trade Name: Pigment Yellow 83 (HR-OP)

C.I.: Pigment Yellow 83

C.I. No.: 21108

CAS No.: 5567-15-7

EINECS No.: 226-939-8

Chemical Formula: $C_{36}H_{32}Cl_4N_6O_8$

Molecular weight: 818.49

2. Physical, Chemical and Resistance Properties

Appearance: Yellow Powder

Shade: Similar to Standard

Tinting Strength (%): 100±5

Moisture (%): ≤3.0

Water Soluble Matter (%): ≤1.5

Oil Absorption (ml/100g): 45~70

Electric Conductivity (us/cm): ≤500

Fineness (80mesh) (%): ≤5.0

PH Value: 5.0~8.0

Acid Resistance(5=excellent): 5

Alkali Resistance(5=excellent): 5

Water Resistance(5=excellent): 4

Butyl Glycol Resistance(5=excellent): 4~5

MEK Resistance(5=excellent): 3~4

White Spirit Resistance(5=excellent): 5

Weather Resistance(5=excellent): 5

Heat Resistance (℃): 200

Light Fastness (8=excellent): 7~8

3. Application

Suggested for Solvent base paints,Water base paints.

4. Packing

In 25 kgs bag with pallet.