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TECHNICAL DATA SHEET

Pigment Yellow 83

1. Product Name

Trade Name: Pigment Yellow 83 HR-PF
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±3
Moisture (%): ≤1.5
Water Soluble Matter (%): ≤1.5
Oil Absorption (g/100g): 45~55
Electric Conductivity (us/cm): ≤500
Fineness (80mesh) (%): ≤5.0
PH Value: 6.5~7.5
Acid Resistance(5=excellent): 5
Alkali Resistance(5=excellent): 5
Alcohol Resistance(5=excellent): 5
Toluene Resistance(5=excellent): 4~5
Xylene Resistance(5=excellent): 4~5
Weather Resistance(5=excellent): 5
Migration Resistance(5=excellent): 5
Heat Resistance (℃): 200
Light Fastness Full Shade (8=excellent): 6~7
Light Fastness Reduced Tinting (8=excellent): 4~5

3. Application

Suggested for Plastic(Fiber Grade).

4. Packing

In 10 kgs bag with pallet.