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TECHNICAL DATA SHEET

Pigment Red 176

1. Product Name

Trade Name: Pigment Red 176 HF3C

C.I.: Pigment Red 176

C.I. No.: 12515

CAS No.: 12225-06-8

Chemical Formula: $C_{32}H_{24}N_6O_5$

Molecular weight: 572.57

2. Physical, Chemical and Resistance Properties

Appearance: Red Powder

Shade: Similar to Standard

Tinting Strength (%): 100±3

Moisture (%): ≤1.5

Water Soluble Matter (%): ≤1.0

Oil Absorption (ml/100g): 30~40

Electric Conductivity (us/cm): ≤500

Fineness (80mesh) (%): ≤5.0

PH Value: 7.0~8.0

Acid Resistance(5=excellent): 5

Alkali Resistance(5=excellent): 5

Alcohol Resistance(5=excellent): 4~5

Toluene Resistance(5=excellent): 4~5

Xylene Resistance(5=excellent): 4~5

Heat Resistance (℃): 260

Light Fastness (8=excellent): 7~8

3. Application

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

4. Packing

In 10 kgs bag with pallet.