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TECHNICAL DATA SHEET

Pigment Red 144

1. Product Name

Trade Name: Pigment Red 144 BRN

C.I.: Pigment Red 144

C.I. No.: 20735

CAS No.: 5280-78-4

Chemical Formula: $C_{40}H_{23}Cl_5N_6O_4$

Molecular weight: 828.94

2. Physical, Chemical and Resistance Properties

Appearance: Red Powder

Shade: Similar to Standard

Tinting Strength (%): 100±5

Moisture (%): ≤1.5

Water Soluble Matter (%): ≤1.5

Oil Absorption (ml/100g): 50~60

Electric Conductivity (us/cm): ≤500

Fineness (80mesh) (%): ≤5.0

PH Value: 5.5~6.5

Acid Resistance(5=excellent): 5

Alkali Resistance(5=excellent): 5

Weather Resistance(5=excellent): 4

Heat Resistance (℃): 300

Light Fastness (8=excellent): 7~8

3. Application

Suggested for Plastic.

4. Packing

In 10 kgs bag with pallet.