QINGDAO SANHUAN COLORCHEM CO., LTD.

17 FLOOR, YUHENG BUILDING, NO.170
XUZHOU NORTH ROAD, QINGDAO, CHINA
EMAIL: michael@cncolorchem.com
TEL:0086 532 88978177/88978188
FAX:0086 532 88962988/88967877
WEBSITE: www.cncolorchem.com

TECHNICAL DATA SHEET

Pigment Orange 64

1. Product Name

Trade Name: Pigment Orange 64 (GP)

C.I.: Pigment Orange 64

C.I. No.: 12760

CAS No.: 72102-84-2

EINECS No.: 276-344-2

Chemical Formula: $C_{12}H_{10}N_6O_4$

Molecular weight: 302.25

2. Physical, Chemical and Resistance Properties

Appearance: Orange Powder

Shade: Similar to Standard

Tinting Strength (%): 100±3

Moisture (%): ≤2.0

Water Soluble Matter (%): ≤1.5

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

Specific Surface(m^2/g): 27

Density (g/cm^3): 1.5

Electric Conductivity (us/cm): ≤500

Fineness (120mesh) (%): ≤5.0

PH Value: 7.0~8.0

For Coating (Alkyd melamine):			
Acid Resistance (5=excellent)	5	Alkali Resistance (5=excellent)	5
Process Temperature(℃)	200	Light Fastness (8=excellent)	7~8
Weather Resistance (5=excellent)	4	Overpainting Fastness (5=excellent)	5
For Plastic (PP):			
Acid Resistance (5=excellent)	5	Alkali Resistance (5=excellent)	5
Heat Resistance (℃)	300	Light Fastness (8=excellent)	7~8
Weather Resistance (5=excellent)	4	Migration in PVC (5=excellent)	5

3. Application

Suggested for Industrial paints,Decorative paints,
Plastic such as PVC,PE,PP,PS,PUR,ABS,POM,Rubber etc.

4. Packing

In 10 kgs bag with pallet.