



**QINGDAO SANHUAN COLORCHEM CO., LTD.**

RM2301,BUILDING 4,PENGLINANHUA Plaza,  
12 LIAOYANG EAST 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 Yellow 174**

#### **1. Product Name**

Trade Name: Permanent Yellow GR

C.I.: Pigment Yellow 174

C.I.No.: 21098

CAS Number: 78952-72-4

EU Number: 279-017-2

Chemical Formula: C<sub>35</sub>H<sub>32</sub>Cl<sub>2</sub>N<sub>6</sub>O<sub>4</sub>

Molecular Weight: 671.57

#### **2. Physical, Chemical and Resistance Properties**

Appearance: Yellow Powder

Shade: Similar to Standard

Oil absorption(ml/100g): ≤50

Density(g/cm<sup>3</sup>): 1.6

Tint(%): 95-105

Moisture (%): ≤2.0

Water soluble matter (%): ≤2.5

Tail over(80mesh): ≤5.0

Electric Conductivity us/cm<sup>2</sup>: ≤500

PH Value: 7.0-8.0

Heat Resistance: 220°C

Light Fastness: 5

Oil Resistance: 5

Acid Resistance: 5

Alkali Resistance: 5

Alcohol Resistance: 5

Water Resistance: 5

#### **3. Application**

Application: plastic, offset ink.

#### **4. Packing**

Packed in 25kgs Bag with Pallet.