



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

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## **TECHNICAL DATA SHEET**

### **Pigment Orange 13**

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

Trade Name: Permanent Orange G-S

C.I.: Pigment Orange 13

C.I. No.: 21110

CAS No.: 3520-72-7

Chemical Formula: C<sub>32</sub>H<sub>24</sub>Cl<sub>2</sub>N<sub>8</sub>O<sub>2</sub>

Molecular Weight: 623.48

Chemical Group: Disazo Pyrazolone

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

Appearance: Orange Powder

Shade: Similar to Standard

Bulk Density(lb/gal): 10.9-13.36

Moisture: ≤3%

Fineness(80 Mesh): ≤5%

PH Value: 3.2-7.0

Oil Absorption (ml/100g): 50±5

Water Soluble Matter (%): ≤1.5

Electric Conductivity (us/cm): ≤500

Acid Resistance: 5

Alkali Resistance: 4

Water Resistance: 5

Oil Resistance: 4

Alcohol Resistance: 4

Ester Resistance: 4

Benzene Resistance: 4

Ketone Resistance: 4

Soap Resistance: 4

Bleeding Resistance: 4

Migration Resistance: 4

Heat Resistance (°C): 160

Light Fastness (8=excellent): 7

#### **3. Application**



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Application: solvent-base ink

#### **4. Packing**

Packed in 25kgs Bag with Pallet.