



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

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## **TECHNICAL DATA SHEET**

### **Pigment Yellow 83**

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

Trade Name: Permanent Yellow HR-HT

C.I.: Pigment Yellow 83

C.I. No.: 21108

CAS No.: 5567-15-7

Molecular Formula: C<sub>36</sub>H<sub>32</sub>Cl<sub>4</sub>N<sub>6</sub>O<sub>8</sub>

Formula Weight: 818.49

Chemical Group: Diarylide

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

Appearance: Yellow Powder

Shade: Similar to Standard

Bulk Density(lb/gal): 10.1-12.5

Moisture: ≤1.5

Fineness(80 Mesh): ≤5.0

PH Value: 4.4-6.9

Water Soluble Matter (%): ≤1.0

Oil Absorption (ml/100g): 39-98

Electric Conductivity (us/cm): ≤500

Acid Resistance: 5

Alkali Resistance: 5

Water Resistance: 5

Oil Resistance: 5

Alcohol Resistance: 5

Ester Resistance: 5

Benzene Resistance: 5

Bleeding Resistance: 5

Heat Resistance (°C): 220

Light Fastness (8=excellent): 5

#### **3. Application**

Application: water-base ink,solvent-base ink,offset ink.

Recommended Application: Printing, water-base coating.

#### **4. Packing**



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Packed in 25kgs Bag with Pallet.