



**Shanghai King Chemical Co.,Ltd**

**Tel: +86-21-67817854 Fax: +86-21-67817855**

**Address: ROOM CDEF , 9th Floor, Building D, Weijing Center Tower  
NO.2337 GuDai Road, Minhang District, Shanghai, China**

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## **TECHNICAL DATA SHEET**

### **Pigment Yellow 181**

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

Trade Name:H3R

C.I.: Pigment Yellow 181

C.I. No.:11777

CAS Number: 74441-05-7

Molecular Formula: C<sub>25</sub>H<sub>21</sub>N<sub>7</sub>O<sub>5</sub>

Molecular Weight: 499.48

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

Appearance: Yellow Powder

Shade: Similar to Standard

Tinting strength%: 100±5

Oil Absorption: ≤40

Volatile matter at 105°C%: 0.65

Soluble matter in water%: 0.35

Residue on Sieve (60 Mesh)%: <1%

Density (g/cm<sup>3</sup>): 1.48

Oil Absorption (ml/100g): ≤40

Viscosity mm<sup>2</sup>/s:10-15

PH Value: 7

Light Fastness: 8

Heat Resistance: 250

Water Resistance: 5

Oil Resistance: 5

Acid Resistance: 5

Alkali Resistance: 5

#### **3. Application**

Application:plastic,water-base coating, solvent-base coating,  
water-base ink,solvent-base ink

Recommended Application: Printing, offset ink



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#### **4. Packing**

Packed in 25kgs Bag with Pallet.