



**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 Red 3**

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

Trade Name: 3001S

C. I.: Pigment Red 3

C.I. No.: 12120

CAS No.: 219-372-2

Chemical Formula: C<sub>17</sub>H<sub>13</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight: 307.30

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

Appearance: Red Powder

Shade: Similar to Standard

Tinting Strength:100%

Bulk Density(lb/gal): 11.1-12.6

Moisture: ≤1%

Fineness(80 Mesh): ≤5%

PH Value: 6.0-7.1

Water Soluble Matter (%): ≤1.0

Oil Absorption (ml/100g): 45±5

Electric Conductivity (us/cm): ≤500

Acid Resistance: 4

Alkali Resistance: 5

Water Resistance: 4

Oil Resistance: 4

Alcohol Resistance: 4

Ester Resistance: 3

Benzene Resistance: 4

Bleeding Resistance: 4

Heat Resistance (°C): 190

Light Fastness (8=excellent): 7

#### **3. Application**

Application: printing, water-base coating, solvent-base coating,

Recommended Application: plastic, water-base ink,solvent-base ink,offset ink



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### **4. Packing**

Packed in 25kgs Bag with Pallet.