



QINGDAO SANHUAN COLORCHEM CO., LTD.

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TECHNICAL DATA SHEET

Pigment Red 3

1. Product Name

Trade Name: Toluidine Red RN

C. I.: Pigment Red 3

C.I. No.: 12120

CAS No.: 219-372-2

Chemical Formula: C₁₇H₁₃N₃O₃

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.