



QINGDAO SANHUAN COLORCHEM CO., LTD.

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TECHNICAL DATA SHEET

Pigment Yellow 181

1. Product Name

Trade Name:PV Fast Yellow H3R

C.I.: Pigment Yellow 181

C.I. No.:11777

CAS Number: 74441-05-7

Molecular Formula: C₂₅H₂₁N₇O₅

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/cm³): 1.48

Oil Absorption (ml/100g): ≤40

Viscosity mm²/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.