



QINGDAO SANHUAN COLORCHEM CO., LTD.

RM2301, BUILDING 4, PENGLINANHUA Plaza,
12 LIAOYANG EAST ROAD, QINGDAO, CHINA
EMAIL: michael@cncolorchem.com

TEL: 0086 532 88978177/88978188
FAX: 0086 532 88962988/88967877
WEBSITE: www.cncolorchem.com

TECHNICAL DATA SHEET

Pigment Yellow 74

1. Product Name

Trade Name: Brilliant Yellow 5GX-SHT

Color Index: Pigment Yellow 74

C.I. No.: 11741

CAS No.: 6358-31-2

Chemical Formula: C₁₈H₁₈N₄O₆

Molecular Weight: 386.36

Chemical Group: Monoazo

2. Physical, Chemical and Resistance Properties

Appearance: Yellow Powder

Shade: Similar to Standard

Bulk Density(lb/gal): 10.6-12.5

Moisture: ≤1.0%

Oil Absorption: 27-45

Fineness(80 Mesh): ≤5%

PH Value: 5.5-7.6

Water Soluble Matter (%): ≤1.5

Oil Absorption (ml/100g): 35-45

Electric Conductivity (us/cm): ≤500

Acid Resistance: 5

Alkali Resistance: 5

Water Resistance: 5

Oil Resistance: 4

Alcohol Resistance: 5

Ester Resistance: 4

Benzene Resistance: 4

Ketone Resistance: 4

Soap Resistance: 5

Bleeding Resistance: 5

Heat Resistance (°C): 160

Light Fastness (8=excellent): 6



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3. Application

Application: solvent-base ink.

Recommended Application: water-base ink.

4. Packing

Packed in 25kgs Bag with Pallet.