



# K P INTERNATIONAL PRIVATE LIMITED

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## TECHNICAL SPECIFICATION OF Yellow -74

- **PRODUCT :**

A. NAME : Pigment Yellow 74  
B. CHEMICAL INDEX NUMBER : 11741  
C. CHEMICAL CLASS : Mono Azo Pigment without lake forming groups  
D. COLOUR INDEX NAME : Pigment Yellow 74  
E. CAS NUMBER : 5102-83-0

- **PHYSICAL PROPERTIES :**

A. SPECIFIC GRAVITY (20°C) : 1.486  
B. OIL ABSORPTION : 37 cc  
C. SIEVE RESIDUE (240 MESH) : 0.5% Max  
D. MOISTURE CONTENT : 1% Max.  
E. WATER SOLUBLE : 1% Max.  
F. ph of 2% Extract : 7

- **HEAT STABILITY (IN POINT) :**

A. 120 C FOR 30 minuts - Stable  
B. 200 C FOR 10 minuts - Stable  
C. 150 C FOR 20 minuts - Stable

- **FASTNESS PROPERTIES : (1-5 Scale; 1 Poor – Excellent)**

Water	5	Butanol	3
Ethanol	5	Alkali	5
Butyl Acetate	3	Toluene	3-4
Mineral Turpentine	5	Acid	5
Sterilization	1	Linseed Oil	5

- **LIGHT FASTNESS : ((1-8 Scale; 1 Very Low – 8 Outstanding)**

1/1 Depth : 6 (8.3 %) 1/3 Depth : 5(4.2 %) 1/25 Depth : 4 (0.8 %)

- **APPLICATIONS :** Letter Press Inks, Offset Inks, Flexo Inks, Silk Screen Inks etc.

- **HAZARDOUS INGREDIENTS :** None

- **NOTES:** This technical information is offered for guidance but without guarantee.