

### 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.