



TECHNICAL SPECIFICATION OF YELLOW : 74

❖ PRODUCT :

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

❖ PHYSICAL PROPERTIES :

A. SPECIFIC GRAVITY (20'C)	: 1.486
B. OIL ABSORPTION	: 37 CC
C. SIEVE RESIDUE (350 MESH)	: 0.5% Maximum
D. MOISTURE CONTENT	: 1% Maximum
E. WATER SOLUBLE	: 1% Maximum
F. PH OF 2% EXTRACT	: 7

❖ HEAT RESISTANCE :

A. 120 C For 30 Minutes	: Stable
B. 150 C For 20 Minutes	: Stable
C. 200 C For 10 Minutes	: Stable

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

Water	5	Butanol	3
Ethanol	5	Sterilization	1
Butyl Acetate	3	Toluene	3-4
Mineral Turpentine	5	Acid	5
Alkali	5	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 ink, Offset ink, Flexo ink, Silk screen ink.

❖ HAZARDOUS INGREDIENTS : None

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