



TECHNICAL SPECIFICATION OF YELLOW : 1

❖ PRODUCT :

A. NAME	: Pigment Yellow G
B. CHEMICAL CLASS	: Mono Azo Pigment without lake forming groups
C. COLOUR INDEX NAME	: Pigment Yellow 1
D. COLOUR INDEX NUMBER	: 11680
E. CAS NUMBER	: 2512-29-0

❖ PHYSICAL PROPERTIES :

A. SPECIFIC GRAVITY (20'C)	: 1.486
B. OIL ABSORPTION	: 37 CC
C. SIEVE RESIDUE (350 MESH)	: 1% Maximum
D. HEAT STABILITY (IN PAINT)	: 140.C
E. MOISTURE CONTENT	: 1% Maximum
F. WATER SOLUBLE	: 1% Maximum
G. PH OF 2% EXTRACT	: 7

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

Water	5	Butanol	3
Ethanol	3	Acetone	3
Butyl Acetate	2-3	Xylene	4-5
Mineral Turpentine	3-4	Soap	3-4
Methyl Ethyl Ketone	2-3	Linseed Oil	4-5

❖ LIGHT FASTNESS : (1-8 Scale; 1 very low – 8 Outstanding)

25% Shade : 6-7 10% Shade : 5-6 5 % Shade : 5

❖ DISPERSION TECHNIQUES : Following equipment can be used for pre-mixing and Grinding operations: Ball & Pebble Mills High Speed Disc Impellers Three Roll Mills Heavy DutMixers.

❖ APPLICATIONS : Pigments is suitable for the following Ink Systems : Letter Press Inks, Offset Inks, Textile, Paints, Flexo Inks, Silk Screen Inks.

❖ HAZARDOUS INGREDIENTS : None

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