

TECHNICAL SPECIFICATION OF Yellow -1

(1) **PRODUCT :**

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

(2) **PHYSICAL PROPERTIES :**

A. SPECIFIC GRAVITY (20'C)	: 1.486
B. OIL ABSORPTION	: 37 cc
C. SIEVE RESIDUE (350 MESH)	: 1% Max
D. HEAT STABILITY (IN PAINT)	: 140.C
E. MOISTURE CONTENT	: 1% Max.
F. WATER SOLUBLE	: 1% Max.
G. ph of 2% Extract	: 7

(3) **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 Ethylketone	2-3	Linseed Oil	4-5

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

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

(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

(6) **APPLICATIONS :** Pigments is Suitable for the following Ink Systems : Letter Press Inks, Offset Inks, Textile, Paints, Flexo Inks, Silk Screen Inks etc.

(7) **HAZARDOUS INGREDIENTS :** None

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