

TECHNICAL SPECIFICATION OF YELLOW : 12

- **PRODUCT :**

(a) NAME	: Pigment Yellow G
(b) CHEMICAL CLASS	: Dia Azo Pigment without lake forming group
(c) CHEMICAL TYPE	: Organic
(d) COLOR INDEX NAME	: Pigment Yellow : 12
(e) COLOR INDEX NUMBER	: 21090
(f) CAS NUMBER	: 6358-85-6

- **PHYSICAL PROPERTIES :**

(a) SPECIFIC GRAVITY (20' C)	: 1.4
(b) OIL ABSORPTION	: 43 cc.
(c) SIEVE RESIDUE (350 mesh)	: 1 % max.
(d) MOISTURE CONTENT	: 1 % max.
(e) WATER SOLUBLE	: 1 % max.
(f) PH OF EQUQUEOUS Soln	: 7

- **HEAT RESISTANCE :**

(a) 120 Centi. for 30 mimutes	: Stable
(b) 150 Centi. for 20 mimutes	: Stable
(c) 180 Centi. for 10 minutes	: Darker

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

Water	: 5	Acetone	: 4
Linseed Oil	: 5	Ethanol	: 5
Butanol	: 5	Methyl Ethyl Ketone	: 5
Xylene	: 3	Menaral Turpentine	: 5
Butyl Acetate	: 4	5% Soap Soln	: 5

- **LIGHT FASTNESS : (1 - 8 Scale : 1 Very low - 8 Outstanding)**

25% Shade : 4 10% Shade : 4 5% Shade : 3

- **APPLICATIONS** : Paint, Printing ink, Plastics, Rubber, Soap, Textile, Cement Color etc.

- **HAZARDOUS INGREDIENTS** : None

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