



# K P INTERNATIONAL PRIVATE LIMITED

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## TECHNICAL SPECIFICATION OF YELLOW: 3

- **PRODUCT :**

- (a) NAME : Pigment Hansa Yellow 10G
- (b) CHEMICAL CLASS : Mono Azo Pigment without lake forming group
- (c) CHEMICAL TYPE : Organic
- (d) COLOR INDEX NAME : Pigment Yellow : 3
- (e) COLOR INDEX NUMBER : 11710
- (f) TECH. CHARACTERISTICS : Very bright greenish yellow pigment
- (g) CAS NO. : 6486-23-3

- **PHYSICAL PROPERTIES :**

- (a) SPECIFIC GRAVITY (20' C) : 1.5
- (b) OIL ABSORPTION : 34 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) 140 Centi. for 20 mimutes : Stable
- (c) 180 Centi. for 10 minutes : Tends to dark

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

Water	: 5	Acetone	: 3
Linseed Oil	: 4-5	Ethanol	: 2-3
Butanol	: 2-3	Methyl Ethyl Ketone	: 2
Xylene	: 2	Menaral Turpentine	: 3
Butyl Acetate	: 3	5% Soap Soln	: 4

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

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

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

- **HAZARDOUS INGREDIENTS** : None

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

