



# K P INTERNATIONAL PRIVATE LIMITED

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## TECHNICAL SPECIFICATION OF ORANGE: 13

- **PRODUCT :**

- (a) NAME : Permanent Orange-G
- (b) CHEMICAL CLASS : Dia Azo Pigment Pyrazolon Orange
- (c) CHEMICAL TYPE : Organic
- (d) COLOR INDEX NAME : Pigment Orange : 13
- (e) COLOR INDEX NUMBER : 21110
- (f) CAS NO. : 3520-72-7

- **PHYSICAL PROPERTIES :**

- (a) SPECIFIC GRAVITY (20' C) : 1.5
- (b) OIL ABSORPTION : 37 cc.
- (c) SIEVE RESIDUE (350 mesh) : 1 % max.
- (d) MOISTURE CONTENT : 1 % max.
- (e) WATER SOLUBLE : 1 % max.
- (f) PH OF AQUEOUS Soln : 7

- **HEAT RESISTANCE :**

- (a) 120 Centi. for 30 minutes : Stable
- (b) 150 Centi. for 20 minutes : Stable
- (c) 180 Centi. for 10 minutes : Tends to dark

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

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

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

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

- **APPLICATIONS :**

Textile, Paint, Printing ink, Plastics, Rubber, Soap, Cement Color etc.

- **HAZARDOUS INGREDIENTS :** None

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

