



K P INTERNATIONAL PRIVATE LIMITED

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TECHNICAL SPECIFICATION OF BLUE 15: 1

• PRODUCT :

(a) NAME	: Pigment Phthalocynine Blue Alpha
(b) CHEMICAL CLASS	: Phthalocynine
(c) CHEMICAL TYPE	: Organic
(d) COLOR INDEX NAME	: Pigment Blue 15:1
(e) COLOR INDEX NUMBER	: 74160
(f) CAS REGISTOR NUMBER	: 147-14-8
(g) FORMULA	: $C_{32} H_{16} CUN_8$ (Mol wt. 576)

• 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 EQUQUEOUS Soln	: 7

• HEAT RESISTANCE :

(a) 120 Centi. for 30 mimutes	: Stable
(b) 150 Centi. for 20 mimutes	: Stable
(c) 200 Centi. for 10 minutes	: Stable

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

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

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

25% Shade : 8 10% Shade : 8 5% Shade : 8

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

• HAZARDOUS INGREDIENTS : None

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