



TECHNICAL SPECIFICATION OF ALPHA BLUE

❖ PRODUCT :

A. NAME	: Pigment Phthalocynine Blue Alpha
B. CHEMICAL CLASS	: Phthalocynine
C. CHEMICAL TYPE	: Organic
D. COLOUR INDEX NAME	: Pigment Blue 15 : 0
E. COLOUR INDEX NUMBER	: 74160
F. CAS 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% Maximum
D. MOISTURE CONTENT	: 1% Maximum
E. WATER SOLUBLE	: 1% Maximum
F. PH OF EQUQUEOUS SOLN	: 7

❖ HEAT RESISTANCE :

A. 120 Centi. For 30 Minutes	: Stable
B. 150 Centi. For 20 Minutes	: Stable
C. 200 Centi. For 10 Minutes	: Stable

❖ FASTNESS PROPERTIES : (1-5 Scale; 1 Poor – 5 Excellent)

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

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

25% Shade : 8	10% Shade : 8	5 % Shade : 8
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❖ APPLICATIONS : Paint, Printing ink, Plastics, Rubber, Soap, Textile Cement Color.

❖ HAZARDOUS INGREDIENTS : None

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