

Specification of Pigment Alpha Blue (15.1)

Name :	PIGMENT BLUE (15.1) (Alfa modification)		
Colour Index No :	74160		
Chemical Class :	Pthalocyanine Copper Complex, (Pigment)		
Hue :	Bright Blue		
Molecule Weight :	576		
PHYSICAL PROPERTIES			
Oil Absorption :	40 to 42%		
Bulk Density :	0.32 to 0.34 gms/cc		
Specific Gravity :	1.4 - 1.6		
Solubility in Water :	Maximum 1 %		
Residue on 325 Mesh sieve :	Nil		
Moisture Content :	1 % Maximum		
pH of 10% Aq. Slurry	7.0 - 8.0		
Heat Stability :	Stable up to 280 °c		
FASTNESS PROPERTIES.(1-5 Scale : 1= Poor, 5= Excellent)			
Water :	5	MEK	5
Ethanol :	5	Soap	5
Acetone :	5	Wax	5
Cellosolve	5	Alkalies	5
Toluene	5	Acids (HCL)	5
Mineral Turpentine	5		
Orthoxylene :	5		
Oil / Plasticizer (1-8 Scale : 1= Poor, 8= Excellent)			
Light Fastness :	8		
Linseed Oil, Caster Oil, DCO	8		
DOP, DBP	8		
Application :			
<ul style="list-style-type: none"> • Paints :- Waterbase & Solvent Base. (Solvent Stable) • Inks :- Waterbase & Solvent Base. (Solvent Stable) • Plastics :- P.P., HDPE, LDPE, LLDPE, PVC. (Heat Stable upto 300°C) 			