

Specification of Pigment Alpha Blue (15.0)

Name :		PIGMENT BLUE (15.0) (Alfa modification)	
Colour Index No :		74160	
Chemical Class :		Pthalocyanine Copper Complex, (Pigment)	
Hue :		Bright Blue	
Molecule Weight :		576	
PHYSICAL PROPERTIES			
Oil Absorption :		40+2	
Bulk Density :		0.32 to 0.34 gms/cc	
Specific Gravity :		1.4 - 1.6	
Solubility in Water :		Maximum 1 %	
Residue on 300 Mesh sieve :		Nil	
Moisture Content :		1 % Maximum	
pH of 10% Aq. Slurry		7.0 - 8.0	
Heat Stability :		Stable up to 200 °c	
FASTNESS PROPERTIES.(1-5 Scale : 1= Poor, 5= Excellent)			
Water :	5	MEK	4
Ethanol :	4	Soap	5
Acetone :	4	Wax	5
Cellosolve	5	Alkalies	4
Toluene	4	Acids (HCL)	5
Mineral Turpentine	4		
Orthoxylene :	3		
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. • Inks :- Waterbase & Solvent Base. • Textile Emulsion and Fine Paste. • Plastics :- P.P., HDPE, LDPE, LLDPE, PVC. • EVA & Rubber. • Other General Purpose. 			