

Specification of Pigment Blue (15.4)

*Name :	*PIGMENT BLUE (15.4) *(Beta modification)		
*Colour Index No :	*74160		
*Chemical Class :	*Copper phthalocyanine Blue.		
*Hue :	*Bright Blue		
*Molecule Weight :	*576		
*C. A. S. NO. :	*147 - 14-8		
*Molecular Formula :	*C ₃₂ H ₁₈ CuN ₈		
*PHYSICAL PROPERTIES			
*Oil Absorption :	*45 to 47		
*Bulk Density :	*0.35+0.40 gms/cc		
*Specific Gravity :	*1.50 - 1.55		
*Solubility in Water :	*Maximum 1 %		
*Residue on 300 Mesusive :	*Nil		
*Moisture Content :	*1 % Maximum		
*pH of 10% Aq. Slurry	*7.0 - 8.0		
*Dispersibility :	*Excellent		
*Solvent Stability :	*Excellent Solvent Stability.		
*FASTNESS PROPERTIES.(1-5 Scale : 1= Poor, 5= *Excellent)			
*Water :	5	*Toluene	5
*Ethanol :	5	*MEK	5
*Butanol	5	*Mineral Turpentine	5
*Acetone	5	*Soap	5
*Butyl Acetate	5	*Wax	4
*Methanol	5	*Alkalies NaOH	5
*Cellosolve	5	*Acids (HCL)	5
*Ortho- xylene	4	*Sterilization	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"> • Inks :- Letter Press / Metal Decorating / Offset / Waterbase/Flexo • Paints :- Air drying & Decorative Paints • Water base Paints • Plastics :- HD/LD/PP/PVC & Fibre Application • Textile :- Waterbase Emulsions. 			
Other general purpose of colouration.			