



ARIHANT CHEMICAL CORPORATION & J.J ENTERPRISE

For paints / inks / plastic / Rubber industries Raw material available with us under self import / Manufacturing / Trading. SPECIFICATION Of Pigment Alpha Blue 15 : 0



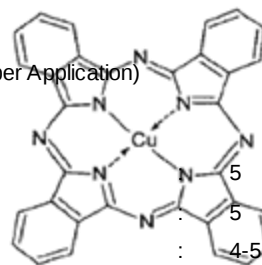
COMPARATIVE PROPERTIES AND USES

Chemical Class	:	Copper Phthalocyanine Blue (Alfa modification)
Colour Index Name	:	PIGMENT BLUE 15:0
Colour Index No.	:	74160
Hue	:	Bright Blue
Molecular Weight	:	576
Cas No.	:	147-14-8
Molecular Formula	:	C ₃₂ H ₁₆ CuN ₈

PHYSICAL PROPERTIES

Oil Absorption (Ml/100gms)	:	40+2
Bulk Density	:	0.43+0.02gms/cc
Specific Gravity (20 C)	:	1.50-1.60
Solubility in Water	:	Maximum 1%
Residue on 325 Mesh-sieve	:	
Grit Content	:	<300ppm
Heavy Metal	:	<5ppm
Free Copper	:	<300ppm
Moisture Content	:	Maximum 0.8%
PH of 10%Aq.Slurry	:	7.0-8.0
Heat Stability	:	Stable up to 240°C (As per Application)
Dispensability	:	Excellent

Structural formula of
Pigment Alfa Blue 15:0



FASTNESS PROPERTIES (1-5 Scale: 1=Poor, 5=Excellent)

Water	:	5	Toluene	:	5
Ethanol	:	5	MEK	:	5
Butanol	:	5	Turpentine	:	4-5
Acetone	:	5	Soap	:	5
Butyl Acetate	:	4-5	Wax	:	4
Ortho-Xylene	:	3-4	Alkalies NaOH	:	5
Methanol	:	4-5	Acids (HCL)	:	5
Cello salt	:	5	Sterilization	:	5
OIL/PLASTICIZER	(1-8 Scale: 1= Poor, 8=Excellent)				
Linseed Oil	:	7	DOP	:	7
Caster Oil	:	8	DBP	:	6
DCO	:	8	Light Fastness	:	8

APPLICATIONS:- In Plastics, Fibber, Cement and Dry colours, Textile Emulsion, Inks, Paints, Paint Emulsion, Soap, Detergent, Rubber, Paper, Leather etc , The above specification is representing general idea of the report how ever same is subject to variation up to certain extent, since this is been PIGMENT, automatic action & reaction is very natural even test pack of the materials and same is depending on natural w eather too.

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