



Ramdev

**CHEMICAL
INDUSTRIES**

BUREAU
VERITAS
Certification
ISO 14001:2004
Cert. No. IND10.5147



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MANUFACTURERS OF PHTHALOCYANINE PIGMENTS

GOVERNMENT RECOGNISED "STAR EXPORT HOUSE"



SPECIFICATION OF PHTHALOCYANINE ALPHA BLUE (PIGMENT BLUE 15:0)

1	Product Name	:	Ramafast Blue GR-P-100	
2	Chemical Name	:	Phthalocyanine Blue, Alpha Modification	
3	Synonymous	:	Pigment Blue 15:0	
4	Molecular Weight	:	576	
5	Chemical Formula	:	C ₃₂ H ₁₆ N ₈ Cu	
6	C.I. Number	:	74160	
7	CAS Number	:	147-14-8	
8	Bulk Density	:	0.25 to 0.45 gm/cc	
9	Odor	:	Odorless	
10	Physical Appearance	:	Blue Powder	
11	Solubility In Water	:	Insoluble	
12	Specific Gravity	:	1.5 – 1.6	
13	PH of % Aq. Soln	:	5.5 - 7.5	
14	Particle Size	:	< 15 micron	
15	Heat Fastness	:		
	120° C For 30 Min.	:	Stable	
	150° C For 20 Min.	:	Stable	
	180° C For 20 Min.	:	Stable	
	210° C For 10 Min.	:	Stable	
16	Hazardous Nature	:	Non – Hazardous	
17	Moisture Content	:	< 0.5 %	
18	Sieve Residue	:	1000 PPM Max	
19	Oil Absorption	:	25 TO 35 cc / 100 gm of Pigment	
20	Solvent Fastness	:	(1=Dissolve Extensive:5=Does Not Dissolve)	
	Min., Turpentine	: 5	Cellosolve	: 5
	Esters	: 5	Ethanol	: 5
	Toluene	: 5	Ketones	: 5
	N.C. Solvents	: 5		
21	Light Fastness	:	(1=Very Poor, 8=Outstanding)	
	5 % Shade	: 5		
	Full Shade	: 7 - 8		
22	Chemical Resistance	:	(1=Poor :5=Excellent)	
	Water	: 5	Linseed Oil	: 5
	Soda Ash (5%)	: 5	Oleic Acid	: 5
			Plasticisers	: 5