



Ramdev
CHEMICAL
INDUSTRIES



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MANUFACTURERS OF PHTHALOCYANINE PIGMENTS
GOVERNMENT RECOGNISED "EXPORT HOUSE"



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

1	Product Name	:	Ramafast Blue GR 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
	Esters	:	5
	Toluene	:	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
	Soda Ash (5%)	:	5
	Linseed Oil	:	5
	Oleic Acid	:	5
	Plasticisers	:	5