



Ramdev
CHEMICAL
INDUSTRIES



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MANUFACTURERS OF PHTHALOCYANINE PIGMENTS
GOVERNMENT RECOGNISED "EXPORT HOUSE"



SPECIFICATION OF PHTHALOCYANINE BLUE (PIGMENT BLUE 15:4)

1	Product Name	:	Ramafast Blue NSL
2	Chemical Name	:	Phthalocyanine Blue, Beta Modification
3	Synonymous	:	Pigment Blue 15:4
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	:	0.50 to 0.60 gm/cc
9	Odor	:	Odorless
10	Physical Appearance	:	Blue Powder
11	Solubility In Water	:	Insoluble
12	PH of % Aq. Soln	:	5.5 - 7.5
13	Particle Size	:	< 15 micron
14	Hazardous Nature	:	Non – Hazardous
15	Moisture Content	:	< 1 %
16	Sieve Residue	:	1000 PPM Max
17	Oil Absorption	:	30 TO 40 cc / 100 gm of Pigment
18	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	
19	Chemical Resistance	:	(1=Poor :5=Excellent)
	Water	: 5	Linseed Oil : 5
	Soda Ash (5%)	: 5	Oleic Acid : 5
			Plasticisers : 5