



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 BLUE (PIGMENT BLUE 15:3)

1	Product Name	:	Ramafast Blue NCF 707
2	Chemical Name	:	Phthalocyanine Blue, Beta Modification
3	Synonymous	:	Pigment Blue 15:3
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	:	0.45 to 0.65 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	Hazardous Nature	:	Non – Hazardous
16	Moisture Content	:	< 1 %
17	Sieve Residue	:	1000 PPM Max.
18	Oil Absorption	:	30 TO 40 cc / 100 gm of Pigment
19	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	
20	Chemical Resistance	:	(1=Poor :5=Excellent)
	Water	: 5	Linseed Oil : 5
	Soda Ash (5%)	: 5	Oleic Acid : 5
			Plasticisers : 5