



# 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 NAP 777
2	Chemical Name	:	Phthalocyanine Blue, Beta Modification
3	Synonymous	:	Pigment Blue 15:3
4	Molecular Weight	:	576
5	Chemical Formula	:	C <sub>32</sub> H <sub>16</sub> N <sub>8</sub> Cu
6	C.I. Number	:	74160
7	CAS Number	:	147-14-8
8	Odor	:	Odorless
9	Physical Appearance	:	Blue Powder
10	Solubility In Water	:	Insoluble
11	Specific Gravity	:	1.5 - 1.6
12	PH of % Aq. Soln	:	6.5 - 8.5
13	Particle Size	:	< 15 micron
14	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
15	Hazardous Nature	:	Non - Hazardous
16	Moisture Content	:	< 1 %
17	Sieve Residue	:	1000 PPM Max.
18	Oil Absorption	:	35 TO 45 cc / 100 gm of Pigment
19	Light Fastness	:	(1=Very Poor, 8=Outstanding)
	5 % Shade	:	5
	Full Shade	:	7 - 8
20	Chemical Resistance	:	(1=Poor :5=Excellent)
	Water	:	5
	Soda Ash (5%)	:	5
	Linseed Oil	:	5
	Oleic Acid	:	5
	Plasticisers	:	5