



# Ramdev

**CHEMICAL  
INDUSTRIES**

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



Plot No. 3441, G.I.D.C. ESTATE, ANKLESHWAR - 393 002. INDIA. Phone : +91 2646 252299, 222999

Fax : +91 2646 238999 Email : [info@ramdevpigments.com](mailto:info@ramdevpigments.com) / [logistics@ramdevpigments.com](mailto:logistics@ramdevpigments.com)

Website : [www.ramdevpigments.com](http://www.ramdevpigments.com)

**MANUFACTURERS OF PHTHALOCYANINE PIGMENTS**

**GOVERNMENT RECOGNISED "STAR EXPORT HOUSE"**



## SPECIFICATION OF PHTHALOCYANINE BLUE ( PIGMENT BLUE 15:3 )

1	Product Name	:	Ramafast Blue WP/L-144
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	Bulk Density	:	0.35 to 0.55 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	:	6.5 - 8.5
14	Particle Size	:	< 15 micron
15	Heat Fastness	:	
	210° C For 10 Min.	:	Stable
	240° C For 5 Min.	:	Stable
	260° C For 5 Min.	:	Stable
	270° C For 5 Min.	:	Stable
16	Hazardous Nature	:	Non – Hazardous
17	Moisture Content	:	< 1 %
18	Sieve Residue	:	1000 PPM Max.
19	Oil Absorption	:	35 TO 45 cc / 100 gm of Pigment
20	Light Fastness	:	(1=Very Poor, 8=Outstanding)
	5 % Shade	:	5
	Full Shade	:	7 - 8
21	Chemical Resistance	:	(1=Poor :5=Excellent)
	Water	:	5
	Soda Ash (5%)	:	5
	Linseed Oil	:	5
	Oleic Acid	:	5
	Plasticisers	:	5