



# 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 GREEN (PIGMENT GREEN 7)

1	Product Name	:	Ramafast Green YL 51
2	Chemical Name	:	Copper Phthalocyanine Green
3	Synonymous	:	Pigment Green-7
4	Molecular Weight	:	1127
5	Chemical Formula	:	(C <sub>32</sub> N <sub>8</sub> Cl <sub>16</sub> Cu)
6	C.I. Number	:	74260
7	CAS Number	:	1328-53-6
8	Bulk Density	:	0.55 to 0.65 gm/cc
9	Odor	:	Odorless
10	Physical Appearance	:	Green Powder
11	Solubility In Water	:	Insoluble
12	Specific Gravity	:	1.5 – 1.6
13	PH of % Aq. Soln	:	Neutral
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
	280° C For 5 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
	HCL (5%)	:	5
	Linseed Oil	:	5
	Oleic Acid	:	5
	Plasticisers	:	5