



## TECHNICAL SPECIFICATION OF C.P.C. GREEN : 7

❖ **FORMULA** :  $C_{32} H_3 N_8 Cl_{13} CU$  TO  $C_{32} H N_8 Cl_{15} CU$   
(The Chlorine content varies between about 13 & 15 atoms of chlorine per molecule)

❖ **TRADE NAME** : COPPER PHTHALOCYCNINE GREEN-G

A. COLOR INDEX GENERIC NAME : Pigment Green 7  
B. COLOR INDEX NUMBER : 74260  
C. CHEMICAL FAMILY : Phthalocynine  
D. CAS NUMBER : 1328-58-6

<b>CAS NUMBER</b>	<b>CHEMICAL NAME</b>	<b>% BY WEIGHT</b>
1328-53-6	Crude Copper Phthalocynine Green Pigment	98 + 2%
7440-50-8	Copper	5.5% Maximum
7732-18-5	Moisture (Water)	1.2%

❖ **PHYSICAL DATA** :

A. Powder Appearance : Dark & Bright Green  
B. Specific Gravity : 1.40 to 1.44  
C. Bulk Density : 3.0 ltr./kg.  
D. Solubility In Water : Insoluble  
E. Oil Absorption : 33 gms., 100 gms. Of Pigment  
F. Sieve Residue (350 mesh) (Grit) : 500 PPM Maximum  
G. Heat Stability : 200 Centi.  
H. Moisture Content : Less than 1%.  
I. Water Soluble : Less than 1%.  
J. PH Of Aqueous Extract : 7  
K. Dispersion : < 10 Micron  
L. Heavy Metal : < 5 PPM  
M. Free Copper : < 100 PPM  
N. Texture : Very Soft  
O. Tinting Strength : Very High

❖ **FASTNESS PROPERTIES** : (1-5 Scale; 1 Poor – 5 Excellent)

Water	5	Butanol	5
Ethanol	5	Acetone	5
Butyl Acetate	5	Xylene	5
Mineral Turpentine	5	Soap	5
Methyl Ethyl Ketone	5	Linseed Oil	5



❖ **LIGHT FASTNESS** : (1-8 Scale; 1 very low – 8 Outstanding)

25% Shade : 8

10% Shade : 8

5 % Shade : 8

❖ **APPLICATIONS** : Textiles, Paints, Printing inks, Plastics, Rubber, Soap, Cement Color.

❖ **HAZARDOUS INGREDIENTS** : None

**NOTES** : This technical information is offered for guidance but without guarantee.



## Gleam Speciality Products

🏠 Works-1 : L-30, GIDC, Odhav, Ahmedabad-382415. Gujarat. India.

🏠 Works-2 : L-100, GIDC, Odhav, Ahmedabad-382415. Gujarat. India.

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