



K P INTERNATIONAL PRIVATE LIMITED

604, MANAS COMPLEX, OPP. STARBAZAR, JODHPUR CROSSROAD, JODHPUR, AHMEDABAD
CONTACT NO:- 079-26923570

TECHNICAL SPECIFICATION OF GREEN-7

- **FORMULA** :- C₃₂ H₃ N₈ Cl₁₃ CU TO C₃₂ H₃ N₈ Cl₁₅ CU
(The Chlorine content varies between about 13 & 15 atoms of chlorine per molecule)

- **TRADE NAME** :- COPPER PHTHALOCYanine GREEN-7

Color Index Generic Name : Pigment Green-7
Color Index Number : 74260
CAS Number : 1328-58-6
Chemical Family : Phthalocynine

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

- **PHYSICAL DATA :-**

➤ Powder Appearance	- Dark & Bright Green
➤ Specific Gravity	- 1.40 to 1.44
➤ Bulk Density	- 3.0 ltr./kg.
➤ Solubility in water	- Insoluble
➤ Oil absorption	- 32 gms., 100 gms. of pigment
➤ Sieve residue (350 mesh)	- 1% max.
➤ Heat stability	- 200 Centi.
➤ Moisture Content	- 1% max.
➤ Water soluble	- 1% max.
➤ PH of aqueous extract	- 7
➤ Heavy metal	- < 5 PPM
➤ Free copper	- < 100 PPM
➤ Texture	- Very soft
➤ Tinting strength	- Very high

- **FASTESS PROPERTIES : (1-5 Scale, 1 Poor - 5 Excellent)**

Water	: 5	Butanol	: 5	Butul Acetate	: 5
Ethanol	: 5	Aceton	: 5	Xylene	: 5
Mineral turp- -entine	: 5	Methyl ethyl : ketone	: 5	Linseed oil	: 5
Soap	: 5				

- **LIGHT FASTNESS : (1 - 8 Scale, 1 Very law - 8 Outstanding)**

25% Shade : 8 10% Shade: 8 5% Shade: 8

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

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