



TECHNICAL SPECIFICATION OF C.P.C. GREEN-7

FORMULA

C₃₂ H₃ N₈ Cl₁₃ CU TO C₃₂ H N₈ CL₁₅ CU

(The Chlorine content varies between about 13 & 15 atoms of chlorine per molecule)

Trade Name - Phthalocyanine Green BGG

Colour Index Generic Name - Pigment Green-7

Colour Index Number - 74260

CAS Number - 1328-58-6 / 1328-53-6 / 7440-50-8 / 7732-18-5

Chemical Family - Phthalocyanine

Chemical Name- Crude Copper Phthalocyanine/ Green pigment
Copper

% by Weight - 98 + 2% / 5.5% Max. 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 - 33 gms., 100 gms. of pigment

Sieve residue (350 mesh) (Grit) - 500 PPM Max

Heat stability - 200 Centi

Moisture Content - Less than 1%

Water soluble - Less than 1%

PH of aqueous extract - 7

Dispersion - < 10 Micron

Heavy metal - < 5PPM

Free copper - < 100 PPM

Texture - Very soft

Tinting strength - Very high

FASTNESS PROPERTIES : (1-5 Scale, 1 Poor - 5 Excellent)

Water - 5

Ethanol - 5

Mineral turpentine - 5

Soap - 5

Butanol - 5

Aceton - 5

Methyl ethyl ketone - 5

Butul Acetate - 5

Xylene - 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 Colour etc.

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