



Cu-Phthalocyanine, Beta Form

Product Description

Pigment Green 7 is a chlorinated copper phthalocyanine (CuPc) pigment. Its rigid, planar phthalocyanine macrocycle features a central copper atom and chlorine atoms on the periphery. Its molecular formula $C_{32}HCl_{15}CuN_8$ is formed a stable crystal lattice that contributes to its stability and color.

Pigment Green 7 are widely used in plastics, printing inks, rubber, paint, paper, soap, detergents, cosmetics etc.

Advantages of using Cu-Phthalocyanine, Beta Form:

Non-Toxic

Non-Migratory

Compatible with all polymers

Excellent heat stability up to 350°C

Excellent weather fastness (4-5 grade)

Excellent lightfastness (7-8 grade)

Excellent resistance to alkali Maintains dimensional stability

Easily dispersed

General

Material Status	• Commercial: Active	
Availability	• Middle East	• Asia
Additive	• Ultramarine	
Features	• Polyester	• PVC
Appearance	• Green 7	
Forms	• Powder	
Uses	• Paint for Plastic	
Packaging	• 25 Kg Bags	• 40 bags on Pallet
Item	Nominal Value Unit	
Delta E	±0.6	
Tinting Strength	100%±3	
Solute in Water	≤1.5%	
Free Sulfur	≤0.04%	

Moisture (105±2°C)	≤2.5%
Sieve Residue (325 mesh)	≤0.06%
Oil Absorption	32-42
Thermal Stability	≥300°C
PH value	5-8
Lead Content	≤25PPM

Storage

Bags should be stored in dry/closed condition and protect from Humidity. The opens Bags should be sealed against humidity and direct sunlight.

Shelf Life

Shelf life at proper storage is at least 36 months from production date, but in case of a long storage time, potential moisture pick-up needs to be eliminated by drying before use.

Contact Us

Sales@Vincentplastic.com