

PIGMENT GREEN 7 (GREENSEA FAST GS 0012)

TECHNICAL DATA SHEET

Product Description:

Chemical Class	Copper phthalocyanine
Product Code	GREENSEA FAST GS 0012
C.I. Name	Pigment Green 7
C.I. No	74260
CAS NO	1328-53-6
Chemical Type	Cu, Phthalo Green
Chemical Formula	C ₃₂ H ₂ CL ₁₄ CuN ₈
Molecular Weight	1092 -1127 mg/Mol
Chemical name	Copper, [tetradecachloro-29H,31H-phthalocyanine (2-)-N{29}, N{30}, N{31}, N{32}]-

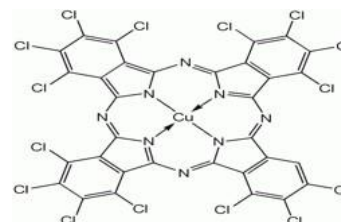
Mass tone: 5 %



Tint Tone: 1:10



Chemical Structure:



Physical Properties:

Physical Form	Greenish Powder
Specific gravity	1.8 gm/cm ³ (±0.1)
Bulk Density	0.55 gm/cc (±0.1)
pH @10% pigment	6.5 – 9
Sieve Residue @325 mesh	500 ppm max
Moisture Content	Max 1%
Water solubility	Max 1%
Oil Absorption	40-50 %
Heat stability	280 ^o c /5 min
Colour Shade & Strength	DE :- max 1 , Str.:-100% (±5)

Fastness & Solvent Properties:

Light fastness	8
Weather fastness	8
Migration fastness	7
Acid Fastness	8
Alkali Fastness	8
Xylene Fastness	8
MEK Fastness	8
MTO Fastness	8
Water fastness	8
Ethanol fastness	8

Grade: - 1 = Poor / 8 =Excellent

Application:

Paint	WB / Decorative paints	√
	Industrial paints	√
	Air draying Alkyd Enamel paint	√
	Stoving paint	√
	Automotive Coating	√
	Powder coating	√
Inks	Solvent Ink	×
	Printing & Offset Ink	×
	Water based Ink	√
Plastic	Plastic :-LDPE/HDPE/PP/PVC/Rubber/other	×
	Fiber grade	×
Textile	Textile Cloth print	√

√ = Suitable, × = Not suitable

Note: - The information contained herein is based on our lab Report state of knowledge. Our technical advice (whether verbal, in writing or by way of trials) is solely given to the product indicated and constitutes. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended