

**PIGMENT GREEN 7 (GREENSEA FAST GS 0033)**

## TECHNICAL DATA SHEET

**Product Description:**

<b>Chemical Class</b>	Copper phthalocyanine
<b>Product Code</b>	<b>GREENSEA FAST GS 0033</b>
<b>C.I. Name</b>	Pigment Green 7
<b>C.I. No</b>	74260
<b>CAS NO</b>	1328-53-6
<b>Chemical Type</b>	Cu, Phthalo Green
<b>Chemical Formula</b>	C <sub>32</sub> H <sub>2</sub> CL <sub>14</sub> CuN <sub>8</sub>
<b>Molecular Weight</b>	1092 -1127 mg/Mol
<b>Chemical name</b>	Copper, [tetradecachloro-29H,31H-phthalocyanine (2-)-N{29}, N{30}, N{31}, N{32} ]-

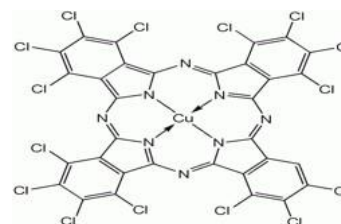
Mass tone: 10 %



Tint Tone: 1:10



**Chemical Structure:**



**Physical Properties:**

<b>Physical Form</b>	Greenish Powder
<b>Specific gravity</b>	1.61 gm/cm <sup>3</sup> (±0.1)
<b>Bulk Density</b>	0.62 gm/cc (±0.1)
<b>pH @ 10% pigment</b>	6.5 – 9
<b>Sieve Residue @325 mesh</b>	500 ppm max
<b>Moisture Content</b>	Max 1%
<b>Water solubility</b>	Max 1%
<b>Oil Absorption</b>	40-50 %
<b>Heat stability</b>	280 <sup>o</sup> c /5 min
<b>Colour Shade &amp; Strength</b>	DE :- max 1 , Str.:-100% (±5)

**Fastness & Solvent Properties:**

<b>Light fastness</b>	8
<b>Weather fastness</b>	8
<b>Migration fastness</b>	7
<b>Acid Fastness</b>	8
<b>Alkali Fastness</b>	8
<b>Xylene Fastness</b>	8
<b>MEK Fastness</b>	8
<b>MTO Fastness</b>	8
<b>Water fastness</b>	8
<b>Ethanol fastness</b>	8

**Grade: - 1 = Poor / 8 =Excellent**

**Application:**

<b>Paint</b>	WB / Decorative paints	×
	Industrial paints	×
	Air draying Alkyd Enamel paint	×
	Stoving paint	×
	Automotive Coating	×
	Powder coating	×
<b>Inks</b>	Solvent Ink (NC /Pu/ Polyamide/Vinyal)	√
	Printing & Offset Ink	×
	Water based Ink	√
<b>Plastic</b>	Plastic :-LDPE/HDPE/PP/PVC/Rubber/other	×
	Fiber grade	×
<b>Textile</b>	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