



AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

PIGMENT GREEN 7

Technical Data Sheet

Product Description

CI Generic Name	Pigment Green 7	Ags Product Code	AGSFASTGREEN IN101
CI No.	74260	CAS No.	1328-53-6
EINECS No.	215-524-7	Chemical Type	Cu,Phthalocyanine Green
Molecular Formula	C₃₂H₂Cl₁₄N₈	Molecular Weight	1058-1127
Chemical Name	Copper, [tetradecachloro-29H, 31H-phthalocyaninato (2-)-N{29}, N{30}, N{31}, N{32}]-		

Physical Properties

Residue on 300 Mesh-Sie	<500 PPM	Oder	Odourless
Oil Absorption (ml/gms)	45+2	Melting point/range	480°C
Bulk Density (ml/gms)	0.37-0.60 gms/cc	Specific Gravity 20°C	1.94-2.05 at 200°C
Salt Content	1.0% Max	Flammability	Non-flammable
Moisture Content	1.0% Max	Ignition Temperature	Not Applicable
pH of water extract	6.0-8.0	Danger of Explosion	Not explosive. Dust can form an explosive mixture with air
pH of 10% Aq.Slurry	7.0-8.0	Solubility in Water	1.0% Max
Form	Powder	Vapour Pressure	Not Applicable
Color	Green		

Fastness Properties & Solvent Properties

Heat Resistance	260°C 10 Min	Xylene	4.5
Light Fastness	Mass: 7-8 Tint: 7-8	Ethyl Acetate	5
Weather Fastness	Mass: 5 Tint: 4-5	Methyl Ethyl Ketone	5
Over spray	5	Mineral Spirit	5
Water	5	Acid (HCL) 5%	5
Enthanol	5	Alkali NaOH	5

Application

Offset / Printing Ink	*
NC Lacquer / PA	*
Gravure Ink	*
Polyamide Ink	*
Flexo Ink / Vinyl Ink	*

Specification (Rules)

Colorist Properties	Strength: 100 ± 5 %	DA, DB, DE, DC, DH, DL: </= ± 1.00
Light fastness	Scale 1-8	1=Poor & 8=Excellent
Weather Fastness	Scale 1-5	1=Poor & 5=Excellent
Overspray	Scale 1-5	1=Poor & 5=Excellent
Solvent Fastness	Scale 1-5	1=Poor & 5=Excellent

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