



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	Asm Product Code	AGSFASTGREEN RU101
CI No.	74260	CAS No.	1328-53-6
EINECS No.	215-524-7	Chemical Type	Cu, Phthalo Green
Molecular Formula	C₃₂H₂Cl₁₄N₈	Molecular Weight	1092-1127
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	Odorless
Oil Absorption (ml/gms)	30-36(100g pigment)	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	Bright Green		

Fastness Properties & Solvent Properties

Heat Resistance (Mass)	260°C for 5 Min	Weather Fastness	Mass: 5 Tint: 5
Heat Resistance (Tint)	290°C for 5 Min	Migration	4-5
Light Fastness (Mass)	8	Acid (HCL) 5%	5
Light Fastness (Tint)	8	Alkali NaOH	5

Application

Cable Sheathing Compounds	-
LDPE, LLDPE, HDPE	-
PVC, PS	-
EVA Rubber	*
Rubber	*

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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