



AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

PIGMENT BLUE 15:3

Technical Data Sheet

Product Description

CI Generic Name	Pigment Blue 15:3	Ags Product Code	AGSFASTBLUE RU105
CI No.	74160	CAS No.	147-14-8
EINECS No.	205-685-1	Chemical Type	Cu,Phthalo Blue, B-mod
Molecular Formula	C32H16CuN8	Molecular Weight	576
Chemical Name	Copper,[29H-phthalocyanineato(2-)-N29,N30,N31,N32]-,(SP-4-1)-		

Physical Properties

Sieve Residue (PPM)	1000 Max	Oder	Odorless
Oil Absorption (ml/gms)	45-60	Melting point/range	480°C
Bulk Density (ml/gms)	25-40	Flash Piont	Not Applicable
Salt Content	1.0% Max	Flammability	Non-flammable
Moisture Content	1.0% Max	Ignition Temperature	Not Applicable
PH Value	5.5-8.5	Danger of explosion	Not explosive. Dust can form an explosive mixture with air
Form	Powder	Solubility in water	Insouluble
Color	Bright Greenish Blue	Vapour Pressure	Not Applicable

Fastness Properties & Solvent Properties

Heat Resistance (Mass)	290°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	5
Light Fastness (Tint)	8	Alkali	5

Application

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

Specification (Rules)

Colorist Properties	Strength: $\pm 5\%$	DA, DB, DE, DC, DH, DL: $\leq \pm 1.00$
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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