



# AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

## PIGMENT BLUE 15:3

### Technical Data Sheet

#### Product Description

CI Generic Name	<b>Pigment Blue 15:3</b>	Ags Product Code	<b>AGSFASTBLUE PL105</b>
CI No.	<b>74160</b>	CAS No.	<b>147-14-8</b>
EINECS No.	<b>205-685-1</b>	Chemical Type	<b>Cu,Phthalo Blue, B-mod</b>
Molecular Formula	<b>C32H16CuN8</b>	Molecular Weight	<b>576</b>
Chemical Name	<b>Copper,[29H-phthalocyanineato(2-)-N29,N30,N31,N32]-,(SP-4-1)-</b>		

#### Physical Properties

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

#### Fastness Properties & Solvent Properties

Heat Resistance (Mass)	<b>290°C for 5 Min</b>	Weather Fastness	<b>Mass: 5</b>	<b>Tint: 5</b>
Heat Resistance (Tint)	<b>290°C for 5 Min</b>	Migration	<b>4-5</b>	
Light Fastness (Mass)	<b>8</b>	Acid	<b>5</b>	
Light Fastness (Tint)	<b>8</b>	Alkali	<b>5</b>	

#### Application

Cable Sheathing Compounds	*
LDPE, LLDPE, HDPE	-
PVC, PO, PS, PET, PP, PA6	*
Engineering Plastics	*
Rubber	*
PAN Spin Dyeing	*
ABS, POM	-

#### Specification (Rules)

<b>Colorist Properties</b>	<b>Strength: <math>\pm 5\%</math></b>	<b>DA, DB, DE, DC, DH, DL: <math>\leq \pm 1.00</math></b>
<b>Light fastness</b>	Scale 1-8	1=Poor & 8=Excellent
<b>Weather Fastness</b>	Scale 1-5	1=Poor & 5=Excellent
<b>Overspray</b>	Scale 1-5	1=Poor & 5=Excellent
<b>Solvent Fastness</b>	Scale 1-5	1=Poor & 5=Excellent

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