



AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

PIGMENT YELLOW 62

Technical Data Sheet

Product Description

CI Generic Name	Pigment Yellow 62	Ags Product Code	AGSHIGHYELLOW PL113
CI No.	13940	CAS No.	12 286-66-7
EINECS No.	235-558-6	Chemical Type	Monoazo Yellow , Ca
Molecular Formula	C16H14N4O7S Ca	Molecular Weight	439
Chemical Name	4-[1-[(2-methyl phenyl)amino]carbonyl] - 2 -oxopropyl]azo]-3-nitro benzene sulfonic acid , calcium salt (2:1)		

Physical Properties

Sieve Residue (PPM)	1000 Max	Oder	Odourless
Oil Absorption (ml/gms)	55-70	Melting point/range	-
Bulk Density (ml/gms)	15-30	Flash Piont	Not Applicable
Salt Content	1.0% Max	Flammability	Non-flammable
Moisture Content	1.0% Max	Ignition Temperature	Not Applicable
PH Value	7+/-1	Danger of explosion	Not explosive. Dust can form an explosive mixture with air
Form	Powder	Solubility in water	Insouluble
Color	Yellow	Vapour Pressure	Not Applicable

Fastness Properties & Solvent Properties

Heat Resistance (Mass)	210°C for 5 Min	Weather Fastness	Mass: 2-3	Tint: 1
Heat Resistance (Tint)	220°C for 5 Min	Migration	4-5	
Light Fastness (Mass)	7	Acid	5	
Light Fastness (Tint)	7	Alkali	5	

Application

LDPE, LLDPE	*
PP & PS	*
HDPE	*
PU Rubber	*
PAN Spin Dyeing	*
Plasticized & Rigid PVC	*

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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