



AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments



PIGMENT YELLOW 17

Technical Data Sheet

Product Description

CI Generic Name	Pigment Yellow 17	Ags Product Code	AGSSUPERYELLOW RU112
CI No.	21105	CAS No.	4531-49-1
EINECS No.	224-867-1	Chemical Type	Diarylide Yellow
Molecular Formula	C34H30CL2N6O6	Molecular Weight	690
Chemical Name	Butanamide,2,2'-[(3,3'-dichloro{1,1'-biphenyl}-4,4'diyl)bis(azo)]bis[N-(2-methoxyphenyl)]-3-oxo		

Physical Properties

Sieve Residue (PPM)	1000 Max	Oder	Odorless
Oil Absorption (ml/gms)	80-95	Melting point/range	341°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	5.0-7.5	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)	200°C for 5 Min	Weather Fastness	Mass:	Tint:
Heat Resistance (Tint)	200°C for 5 Min	Migration	3-4	
Light Fastness (Mass)	7	Acid	5	
Light Fastness (Tint)	6-7	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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