



AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

PIGMENT YELLOW 83

Technical Data Sheet

Product Description

CI Generic Name	Pigment Yellow 83	Ags Product Code	ASSUPERYELLOW IN117T
CI No.	21108	CAS No.	5567-15-7
EINECS No.	226-939-8	Chemical Type	Diarylide Yellow
Molecular Formula	C36H32Cl4N6O8	Molecular Weight	818
Chemical Name	Butanamide,2,2'-[(3,3'-dichloro{1,1'-biphenyl}-4,4'diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)]-3-oxo		

Physical Properties

Sieve Residue (PPM)	1000 Max	Oder	Odorless
Oil Absorption (ml/gms)	75-85	Melting point/range	380-420°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	4.4-6.6	Danger of explosion	Not explosive. Dust can form an explosive mixture with air
Form	Powder	Solubility in water	Insouluble
Color	Reddish Yellow	Vapour Pressure	Not Applicable

Fastness Properties & Solvent Properties

Heat Resistance	200°C	Xylene	3-4
Light Fastness	Mass: 6-7 Tint: 6	Ethyl Acetate	4
Weather Fastness	Mass: 3 Tint: 2-3	Methyl Ethyl Ketone	3
Over spray	5	Mineral Spirit	5
Water	5	Acid	5
Enthanol	4-5	Alkali	5

Application

Offset / Printing Ink	*
NC Lacquer / PA	-
Gravure Ink	*
Polyamide Ink	-
Flexo Ink / Vinyl Ink	-

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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