



AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

PIGMENT ORANGE 34

Technical Data Sheet

Product Description

CI Generic Name	Pigment Orange 34	Ags Product Code	AGSSUPERORANGE IN146
CI No.	21115	CAS No.	15793-73-4
EINECS No.	239-898-6	Chemical Type	Disazopyrazolone
Molecular Formula	C34H28Cl2N8O2	Molecular Weight	652
Chemical Name	3H-Pyrazol-3-one, 4-4'[{3,3'-dichloro(1,1'biphenyl)-4,4'-diyl}bis(azo)bis[2,4-dihydro-5-methyl-2-(4-methylphenyl)]		

Physical Properties

Sieve Residue (PPM)	1000 Max	Oder	Odorless
Oil Absorption (ml/gms)	75-90	Melting point/range	320-350°C
Bulk Density (ml/gms)	20-35	Flash Piont	Not Applicable
Salt Content	1.0% Max	Flammability	Non-flammable
Moisture Content	1.0% Max	Ignition Temperature	Not Applicable
PH Value	4.8-6.5	Danger of explosion	Not explosive. Dust can form an explosive mixture with air
Form	Powder	Solubility in water	Insouluble
Color	Reddish Orange	Vapour Pressure	Not Applicable

Fastness Properties & Solvent Properties

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

Regd. Office: 402, Atlantis Enclave, Above Dinner Bell, Nr. Subhash Chowk,
Off. Gurukul Road, Ahmedabad-380 052, Gujarat (India).

+91-79-400522727, 40052626 | +91-79-40053030 | tech@agsorganics.com