



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 RU146
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 (Mass)	200°C for 5 Min	Weather Fastness	Mass:	Tint:
Heat Resistance (Tint)	200°C for 5 Min	Migration	3-4	
Light Fastness (Mass)	6-7	Acid	5	
Light Fastness (Tint)	6	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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