



# AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

## PIGMENT ORANGE 34

### Technical Data Sheet

#### Product Description

CI Generic Name	<b>Pigment Orange 34</b>	Ags Product Code	<b>AGSSUPERORANGE PL146</b>
CI No.	<b>21115</b>	CAS No.	<b>15793-73-4</b>
EINECS No.	<b>239-898-6</b>	Chemical Type	<b>Disazopyrazolone</b>
Molecular Formula	<b>C34H28Cl2N8O2</b>	Molecular Weight	<b>652</b>
Chemical Name	<b>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)]</b>		

#### Physical Properties

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

#### Fastness Properties & Solvent Properties

Heat Resistance (Mass)	<b>200°C for 5 Min</b>	Weather Fastness	<b>Mass:</b>	<b>Tint:</b>
Heat Resistance (Tint)	<b>200°C for 5 Min</b>	Migration	<b>3-4</b>	
Light Fastness (Mass)	<b>6-7</b>	Acid	<b>5</b>	
Light Fastness (Tint)	<b>6</b>	Alkali	<b>5</b>	

#### Application

PVC	*
LDPE, LLDPE	*
PUR Coating	*
Rubber	*
Plastic Master Batches	*
Plasticized & Rigid	*

#### Specification (Rules)

<b>Colorist Properties</b>	<b>Strength: <math>\pm 5\%</math></b>	<b>DA, DB, DE, DC, DH, DL: <math>\leq \pm 1.00</math></b>
<b>Light fastness</b>	Scale 1-8	1=Poor & 8=Excellent
<b>Weather Fastness</b>	Scale 1-5	1=Poor & 5=Excellent
<b>Overspray</b>	Scale 1-5	1=Poor & 5=Excellent
<b>Solvent Fastness</b>	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](mailto:tech@agsorganics.com)