



# AGS ORGANICS PVT. LTD.

Mfg & Expt of Organics, Inorganic & Emulsion Pigments

## PIGMENT YELLOW 139

### Technical Data Sheet

#### Product Description

CI Generic Name	<b>Pigment Yellow 139</b>	Ags Product Code	<b>AGSHIGHYELLOW RU120</b>
CI No.	<b>56298</b>	CAS No.	<b>36888-99-0</b>
EINECS No.	<b>253-256-2</b>	Chemical Type	<b>Isoindoline</b>
Molecular Formula	<b>C16H9N5O6</b>	Molecular Weight	<b>367</b>
Chemical Name	<b>2,4,6-[1H,3H,5H]Pyrimidinetrione,5,5'-(1H isoindole-1,3-(2H)-Diyldene)bis-</b>		

#### Physical Properties

Sieve Residue (PPM)	<b>1000 Max</b>	Oder	<b>Odorless</b>
Oil Absorption (ml/gms)		Melting point/range	<b>-</b>
Bulk Density (ml/gms)		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		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>Yellow</b>	Vapour Pressure	<b>Not Applicable</b>

#### Fastness Properties & Solvent Properties

Heat Resistance (Mass)	<b>240°C for 5 Min</b>	Weather Fastness	<b>Mass:</b>	<b>Tint:</b>
Heat Resistance (Tint)		Migration	<b>4-5</b>	
Light Fastness (Mass)	<b>8</b>	Acid	<b>5</b>	
Light Fastness (Tint)	<b>8</b>	Alkali	<b>5</b>	

#### Application

Cable Sheathing Compounds	-
LDPE, LLDPE, HDPE	-
PVC, PS	-
EVA Rubber	*
Rubber	*

#### 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

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