



# AG323 Royal Satin Pearlescent

**Description:** AG323 is a gold pearlescent pigment with a satin finish. FDA approved (Section 178-3297).

**Chemical Type** Mixture - Titanium, Mica & Iron Oxide

## Typical Chemical and Physical Properties

<b>Appearance</b>	Gold Powder
<b>Luster</b>	Satin
<b>Particle Size (µm)</b>	5 - 25
<b>Titanium Type</b>	Rutile
<b>Titanium Content (%)</b>	15 - 26
<b>Mica Content (%)</b>	38 - 62
<b>Iron Oxide Content (%)</b>	23 - 36
<b>pH</b>	6 - 11
<b>Oil Absorption (g/100g)</b>	50 - 90
<b>Bulk Density (g/100 ml)</b>	19 - 23
<b>Density (g/cm<sup>3</sup>)</b>	2.7 - 3.2
<b>Heat Stability</b>	800°C (HDPE)
<b>Moisture Content (% Max)</b>	0.5

## Applications

Plastics		Coatings		Inks		Other	
PVC	■	Decorative		Water Flexo		Paper	
PE	■	Automotive/Aerospace		Solvent Flexo		Rubber	■
PP	■	Industrial	■	InkJet		Finger Paints	
PS	■	Powder	■	UV	■	Seed Coatings	
PET	■			Offset	■		

**Fiber**

Not Frequently Used     Limited     Recommended

**Comments:**

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