



# AG173 Silk Pearlescent

**Description:** AG173 is a silver white translucent pearlescent pigment with a brilliant finish. FDA approved (Section 178-3297).

**Chemical Type** Mixture - Titanium & Mica

## Typical Chemical and Physical Properties

<b>Appearance</b>	Silver White Powder
<b>Luster</b>	Brilliant
<b>Particle Size (µm)</b>	10 - 40
<b>Titanium Type</b>	Anatase
<b>Titanium Content (%)</b>	24 - 34
<b>Mica Content (%)</b>	65 - 76
<b>pH</b>	6 - 11
<b>Oil Absorption (g/100g)</b>	50 - 100
<b>Bulk Density (g/100 ml)</b>	14 - 18
<b>Density (g/cm<sup>3</sup>)</b>	2.6 - 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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