



**Sino-American  
Pigment Systems, Inc.**  
QUALITY RAW MATERIALS ■ ENVIRONMENTAL TECHNOLOGY

**Titanium Dioxide - Anatase - Product Description**

**Description:** A121 is our basic grade of Anatase Titanium Dioxide. It offers good hide, dispersibility and whiteness. Our QC program ensures that the quality will consistently meet the specification listed below.

**Applications:** Suitable for plastics, printing inks, interior paint, paper coatings, ceramics, porcelains and rubber applications.

**Packaging:** 25 KG (55 lbs) paper bags, palletized and shrink-wrapped suitable for high – sea shipment. Super sacks are also available.

**TYPICAL SPECIFICATION**

Titanium Dioxide - Anatase

Product Code #: A121  
Physical Form: Dry Powder  
Color Index Number (C.I. #): 77891

		<b>Range</b>	<b>Typical</b>
TiO <sub>2</sub> Content	% Minimum	98	98.8
Whiteness	% Minimum	93.5	95
Specific Resistance ( .cm)	Minimum	2,000	3,000
Hiding Power (feet <sup>2</sup> / lb)	Minimum	120	139
Volatile at 105°C	% Maximum	0.5	0.3
Water Soluble Matter	% Maximum	0.5	0.3
Density in grams/cc	Median	3.75 – 3.85	3.80
Particle Diameter in um	Median	0.5	0.3
325 Mesh Residue [44 micron]	% Maximum	0.05	0.03
Oil Absorption in Lbs/100 Lbs	Nominal	18 - 24	19
pH	Nominal	6.5- 8.0	7.1