



# A101 General Use Anatase Titanium Dioxide

## Product Description:

A101 is anatase titanium dioxide pigment produced by the sulphate process with advanced technology, having excellent pigment properties such as high purity, fine particle size and narrow size-distribution, high whiteness, excellent dispersibility, low oil absorption and strong hiding power. Anatase titanium dioxide pigment A101 with outstanding dispersibility is specially designed for the top grades applications, the quality is equivalent to Cosmo KA100.

## Applications:

Anatase titanium dioxide pigments A101 is high-quality general use TiO<sub>2</sub> product that can be applied in coatings, interior-wall latex painting, inner decorative painting, ink, plastic, rubber, paper, leather industries and also suitable for glass, ceramics, enamel and fiber making industries, etc.

## Basic Information:

Name:	Titanium Dioxide (TiO <sub>2</sub> )
CAS NO.:	13463-67-7
EINECS NO.:	236-675-5
Color Index:	77891, pigment white 6
ISO591-1:2000:	A1
ASTM D476-84:	I
Appearance:	White powder
Specific gravity:	3.9 g/cm <sup>3</sup>



## Technical Specifications: (Standard: Q/SNBJ1-2012)

Property		A101
TiO <sub>2</sub> content	%	≥98.0
Color (compared with standard sample)		Not lower than
ΔL*(sample-standard sample)		≥-0.3
Δs=(Δa <sup>2</sup> +Δb <sup>2</sup> ) <sup>0.5</sup>		≤0.5
Matter volatile at 105°C	%	≤0.5
Matter soluble in water	%	≤0.5
Residue on sieve 45μm	%	≤0.1
PH of aqueous suspension		6.5-8.0
Brightness	%	≥97.5
Oil absorption	g/100g	≤26
Tinting strength (compared with standard sample)	%	≥105

## Package:

25kg paper-plastic compound bag, or as clients' requests offer 500kg/1000kg big woven plastic bag.

## Storage and Safety:

The product is a kind of white powder which is safe, nontoxic and harmless. Keep from moisture during transport and should be stored in a cool, ventilated, dry place. Avoid breathing duct when handling, and wash with soap & water in case of skin contact. For more details, please refer to the Material Safety Data Sheet.