Product Description:

AK100 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 AK100 with outstanding dispersibility is specially designed for the top grades applications, the quality is equivalent to Cosmo K AK100.

Applications:

Anatase titanium dioxide pigments AK100 is high-quality general use TiO_2 product that can be applied in coatings, interior-wall latex painting, inner decorative painting, ink, plastic, rubber, paper, leather industries and also suitable for soap, detergents, glass, ceramics, enamel and fiber making industries, etc.

Basic Information:

Name:	Titanium Dioxide (TiO_2)
CAS NO.:	13463-67-7
Color Index:	77891, pigment white 6
ISO591-1:2000:	A1
ASTM D476-84:	I
Appearance:	White powder
Specific gravity:	3.9 g/cm^3

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

Property	AK100
TiO_2 content, %	≥99
Color (compared with standard sample) ΔL*(sample-standard sample) $\Delta s=(\Delta a^2+\Delta b^2)^{\wedge}0.5$	Not lower than ≥-0.3 ≤0.5
Matter volatile at 105ºC, %	≤0.5
Matter soluble in water, %	≤0.4
Residue on sieve 45μm, %	≤0.05
PH of aqueous suspension	6.5-8.0
Brightness, %	≥98.0
Oil absorption, g/100g	≤23
Tinting strength	≥1350
Fe, ppm	≤30

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.