

Product Description:

A100 is a high cost-effective product aiming at the demand of market with good dispersion, good whiteness, high hiding and tinting strength, low oil absorption. On the basis of advanced technology, it is actively treated with unique surface dispersion technology by adding inorganic additives which can reduce the surface force between the particles of titanium dioxide, enhance the powder dry-flow ability, greatly improve the dispersion properties.

Applications:

Anatase titanium dioxide A100 Used in Coating & Paint is an economic product, which can be used in a wide range of industries such as interior coating, paint, plastic, masterbatch, rubber, ink, leather and paper-making, as well as glass, ceramics, enamel making, etc.

Basic Information:

Name:	Titanium Dioxide (TiO ₂) Anatase A100 TiO ₂
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 ³

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

Anatase titanium dioxide	A100
TiO ₂ Content (compared with standard sample) %	not lower than
Color (compared with standard sample)	not lower than
ΔL^* (sample-standard sample)	≥ -0.3
$\Delta s = (\Delta a^2 + \Delta b^2)^{0.5}$	≤ 0.5
Matter volatile at 105°C %	≤ 0.6
Matter soluble in water %	≤ 0.5
Residue on sieve 45 μ m %	≤ 0.1
PH of aqueous suspension	6.0-8.5
Bright (compared with standard sample) %	Close to
Oil absorption g/100g	≤ 26
Tinting strength (compared with standard sample) %	≥ 100

Package:

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