

# B101

## General Use Anatase Titanium Dioxide

### Product Description:

B101 is an anatase titanium dioxide pigment manufactured by the sulphate process. 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. B101 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.

### Applications:

Anatase titanium dioxide B101 for general use 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, construction as well as glass, ceramics, enamel making, 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/SNBJ1-2014)

Property	B101
Active TiO <sub>2</sub> Content %	≥97.5
Color (compared with standard sample) ΔL*(sample-standard sample) Δs=(Δa <sup>2</sup> +Δb <sup>2</sup> ) <sup>0.5</sup>	not lower than ≥-0.3 ≤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	6.0-8.0
Bright %	≥95
Oil absorption g/100g	≤24
Tinting strength ( Hallet's Method) %	≥1220
Refractive Index	2.5
Moisture	≤0.6
Odour	Odourless
Dispersibility	Freely Dispersible in both Aqueous&Non-aqueous media

### 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 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.