

## Titanium Dioxide Anatase

### 【Product description】

MOLECULAR FORMULA: TiO<sub>2</sub>

PROPERTIES: It is a white powder, insoluble in water, soluble in hot and concentrated strong acid and alkali, having the good chemical stability; It has strong achromatic power, covering power, with excellent properties of pigment.

### 【Specification】

#### 1. Titanium Dioxide Anatase BA01-01

TiO<sub>2</sub> %(m/m) ≥ 98.00

Chromatic Aberration Value L ≥ 98.5

( L\* a\* b\* value ) a 0.15±0.3

B 0.5±0.3

Coloring power(compared with standard sample) ≥ 100

Matter volatile at 105°C. Deg., %(m/m) ≤ 0.5

PH of aqueous suspension 6.5-8.0

Oil absorption, g/100g ≤ 22

45µm sieve residue, %(m/m) ≤ 0.06

Resistivity of Aqueous Extract, Ωm ≥ 20

Water dispersancy, % ≥ 65

#### 2. Titanium Dioxide Anatase HA-100

TiO<sub>2</sub> content%(m/m) ≥ 98

Color (as compared with reference standard) Not lower than

Whiteness (compared with standard sample) approximately

Tint reducing power (as compared with reference standard) ≥ 105

Volatile at 105°C %(m/m) ≤ 0.4

Volatile at 105°C after 24h stay at (23±2)°C/RH (50±5)% , %(m/m) ≤ 0.5

Water soluble substances, %(m/m) ≤ 0.5

PH value of aqueous suspension 6.5-8.0

Oil absorption, g/100g ≤ 24

Residue on sieve 45µm, %(m/m) ≤ 0.06

Resistance of aqueous extract, Ωm ≥ 20

Fe<sub>2</sub>O<sub>3</sub>, ppm ≤ 80

Quality similar to Hankook Korea `s Titanium Dioxide Anatase KA-100.

### 【Application】

Widely used in painting, coating, printing oil, paper making, plastic, rubber, artificial fiber, welding electric, enamel, electric appliances and construction material etc...

### 【Package】

White craft paper bags, laminated with plastic woven bag and inner with PE bag, of 25kgs net each, 40bags/1000kgs on a pallet, wrapped with PE bag.

Jumbo bag of 500kgs or 1000kgs is available also.