Titanium Dioxide Anatase

[Product description]
MOLECULAR FORMULA: TiO2
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
TiO2 % (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, % (m/m) ≤ 0.5
PH of aqueous suspension 6.5-8.0
Oil absorption, g/100g ≤ 22
45um sieve residue, % (m/m) ≤ 0.06
Resistivity of Aqueous Extract, cm ≥ 20
Water dispersancy, % ≥ 65

2. Titanium Dioxide Anatase HA-100
TiO2 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
Fe2O3, 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.