

## **Titanium Dioxide (TiO<sub>2</sub>) Rutile**

### **【Product description】**

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

PROPERTIES: It is white powder, insoluble in water, non-toxic, chemically extremely stable, surface treated with aluminium and silicone compounds and modified with organic compounds, it has excellent pigment properties, such as high whiteness, gloss, hiding power, tinting power and well dispersibility, excellent weathering resistance and chalking resistance.

### **【Specification】**

#### **1. Titanium Dioxide Rutile grade (General Grade)**

TiO<sub>2</sub> content -----93.0% min  
Rutile content -----98.5%min.  
Whiteness -----97.0 min.  
Lightness -----95.0%min.  
TCS value -----1850min.  
Moisture -----0.50% max  
Oil Dispersibility -----5.0 min.  
PH Value -----6.0 - 8.0  
Oil absorption (g/100g)-----21.0 max  
Residue (45um) -----0.02% max  
Particle size (0.25~0.35um)----90%min.  
Specific resistance (Ω. Cm)---8000 min.

#### **2. Titanium Dioxide Rutile grade HR990**

TiO<sub>2</sub> content%(m/m)-----94min  
Tint reducing power European unit---180min  
Whiteness % -----97.0min  
Dispersibility μm-----12max  
Oil absorption g/100g-----20max  
105`C Moisture %-----0.75max  
Specific resistance Ω. Cm-----9000min  
Solution in water % -----0.3max  
Residue(45Um) -----0.01max  
PH value-----6.5-8.0  
Rutile content %-----98.0min

Quality similar to ISK (Japan) TiO<sub>2</sub> R-930 or DUPONT TiO<sub>2</sub> R-902.

### **【Application】**

It is widely used in the industries of aqueous and solvent-based exterior paints, electro-deposition paints, coating, plastics, rubber, printing ink, high quality paper, waxed paper and leather finishes, cosmetics etc.

**【Package】**

PACKING: White compound paper bag of 25kgs net each, 1000kgs / 40bags on a pallet. Or 500kgs, 1000kgs jumbo bag packing, 1000kgs on a pallet