

# TITANIUM DIOXIDE

## A-110

### Product description

Product	A-110 is an Anatase Titanium Dioxide pigment without surface treatment, manufactured by the sulphate process with high TiO <sub>2</sub> content.
Appearance	White powder
Surface inorganic coating	None
Applications	General purpose, can be widely used in: Interior coating, paints, plastic, rubber, ink, leather, paper-making, glass, ceramics glaze, enamel making etc.
Product information	CAS.: 1346367-7, ASTM D47600(2005): Type II, III

### Physico-chemical properties

TiO <sub>2</sub> , content, %	≥ 93
Color CIE L*	≥ 96%
a*	≥ 0.1
b*	≤ 0.8
Loss on Ignition %	≤ 0.3
Matter volatile at 105°C,%	≤ 0.5
Matter soluble in water,%	≤ 0.5
Residue on sieve 45 μm (325mesh) %	≤ 0.05
Specific gravity, g/cm <sup>3</sup>	3.9
pH value	6.5 ~ 8.5
Particle size-disc centrifuge-mean diameter (D <sub>n</sub> ): μm	0.25
Particle size-light scatter-calculated mean (OD): μm	0.32
Bulk density	1.0 kg/l (62 lbs/cu.ft.)
Color index	77891, pigment white 6
Oil absorption, g/100g	≤ 26
Tinting strength (compared with standard sample), %	≥ 100
Resistivity of aqueous extract Ωm	≤ 20

### Storage, Safety and packing

The product is a kind of white powder which is safe, nontoxic and harmless. Keep from moisture during transport and should store in a cool, ventilated, dry place. Avoid breathing duct when handling, and wash with soap & water in case of skin contact  
25kg plastic woven bag, or as clients' requests offer 500kg/1000kg plastic woven bag.( 20ton / 20FT)