



Shanghai King Chemical Co.,Ltd

Tel: +86-21-67817854 Fax: +86-21-67817855

Address: ROOM CDEF , 9th Floor, Building D, Weijing Center Tower
NO.2337 GuDai Road, Minhang District, Shanghai, China

TECHNICAL DATA SHEET

Product Name:TITANIUMDIOXIDE

Chemical : FonnulazTiOj

CI No: 77891

TITANIUMDIOXIDE

CAS No:13463-67-7

EINECS No:236-675-5

CI No: 77891

CRYSTALFORM:ANATASE

Molecular weight79.88

Color Name:Pigment White 6

Shelf: 2 Years

ATYPE: **JHS1000**

Packaging: 25kg/PAPER. BAG Quotient standard: **JingHai** STANDARDS: **EI 71**

(COMMISSION REGULATION (EU)NO 231/2012) FUNCTIONALUSE: **Coloring,brightener.**

Items	Specifications EI 71	Units
IDENTIFICATION SOLUBILITY	INSOLUBLE IN WATER AND ORGANIC SOLVENTS DISSOLVES SLOWLY IN HYDROFLUORIC ACID AND IN HOT CONCENTRATED SULPHURIC ACID	/
Characteristic	White powder	/
Odor	Odorless	/
Granulometer (D50)	Min. 0.10	µm
Listening power	Min. 95	%
Assay (TiO ₂ , Drying)	Min. 99.0	%
Loss on drying (0.1g, 105°C, 1Hrs)	Max. 0.5	%
Loss on ignition (0.1g, 800°C, 1Hrs)	Max. 0.5	%
Water soluble substance	Max. 0.25	%
Acid soluble substance	Max. 0.5	%
ferric salt	Max. 0.02	%
ALUMINA AND SILICA (Al ₂ O ₃ AND SiO ₂)	Max. 0.5	%
Whiteness	Min. 96.0	%
Viscosity (10% Solution)	6.5-7.2	dL
Lead (Pb)	Max. 3.0	PPm
Arsenic (As)	Max. 1.0	PPm
Antimony (Sb)	Max. 1.0	ppm
Mercury (Hg)	Max. 0.2	ppm
Cadmium (Cd)	Max. 0.5	PPm
Chromium (Cr)	Max. 10.0	PPm



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Titanium Dioxide Food Grade ^{JHS100°}

The product is pure anatase titanium dioxide with low heavy metals without any surface treatment.

Application range:

Medicines: Titanium dioxide is used as auxiliary materials for medicine film coating, coating powder; premix, capsules, health care soft capsules, pills, medical intermediates, medical gloves, etc...

Food: used as flour premix, solid beverage jelly, cold fruit, puffed food, solid beverage, capsule coloring agent, sugar products, chewing gum, candy, candy coating, ice cream, coffee toner; coffee cream, salad dressing, cheese, Sweets and baked goods, etc.

Other applications: toothpaste, cosmetics, lipstick, skin care products, paints, etc., cigarette tipping paper; tipping paper; specialty paper; cigarette filters and cigar filters, food-grade inks, pet food, cat food, dog food, etc.

Product features: high purity, fineness, high whiteness, uniform particles (average particle size of about 0.2 μm-0.5 μm, micron), good dispersion effect, good whitening effect and stable quality. The quality is in full compliance with Chinese Pharmacopoeia, European E171 edible titanium dioxide standard, European Pharmacopoeia EP '97 and United States Pharmacopoeia USP.

Packaging and storage:

Packing: 25KGS/valve mouth paper bag/cardboard drum: store in a cool and dry place.

Note: The shelf life of this product under valid storage conditions can reach 5 years.