

TITANIUM DIOXIDE
PHARM / FOOD / COSMETIC GRADE
Technical Data Sheet

GENERAL INFORMATION

CAS No. 13463-67-7

Molecular weight: 79.88

Molecular formula: TiO₂

Color Index: 77891

Color Name: Pigment White 6

EINECS NO.: 2366755

It is an uncoated anatase Titanium Dioxide easy dispersed pigment, pigmentation of foodstuffs, cosmetics, pharmaceuticals, etc.

PROPERTIES

Property	Specification	Typical
TiO ₂ content, %	99.0 min	99.13
Loss on ignition, %	0.50 max	0.21
Water soluble substance, %	0.25 max	0.21
Acid soluble substance, %	0.50 max	0.38
Al ₂ O ₃ / SiO ₂ , %	2.0% max	<0.02%
Antimony, ppm	2 max	0.02
Arsenic, ppm	1 max	0.45
Lead, ppm	3 max	<1.0
Mercury, ppm	1 max	0.01
Zinc, ppm	50 max	4.80
Cadmium, ppm	1 max	0.12
Iron, ppm	200 max	20.85

APPLICATIONS

Pharmaceuticals: Coloring agent for capsules, films, tablets & coated pills, medical Sticky tapes

Foodstuffs: colorant for sugar product, candy, icings, chewing gum, coffee whitener;

toothpastes; low- & no-fat products such as coffee creamers, salad

dressings, cheese, confections & baked goods.

Cosmetics: water dispersible grade, water based foundations

TITANIUM DIOXIDE
PHARM / FOOD / COSMETIC GRADE
Technical Data Sheet

PACKAGE & STORAGE

Package: 25kgs craft paper bag with pallets

Storage: Keep tightly sealed and stored in a cool, dry and well-ventilated area.

CONTACT

Hangzhou Peijin Chemical Co., Ltd.

Add: Rm 809, No 9 Bld, No 332 Chihua st, Hangzhou, China

Tel: +86-571-86333092 Fax: +86-571-86333092 E-mail: amylin@pekinchem.com

NOTE

The above information is provided as guidelines only. It is important that the customer evaluate any product in their own resin system to determine suitability.