



■ Food grade Titanium Dioxide

Introduction

Product properties: Titanium Dioxide is white crystalline powder, odorless, insoluble in water, acid-base, solvent, and it has stable property. Titanium Dioxide as a food additive to whitening the food. Additionally, it also acts as a shield against ultraviolet rays.

Functions: Titanium Dioxide is produced by the advanced technology of Chlorinated method and sulfuric acid method. It is famous for the excellent stable property and stay a safe head in this field. Once it is put into the market, it wins high appreciation and the demand of it exceeds the supply. It can be widely used in coatings, paints, printing ink, color master batch, paper, rubber, glass and other industries.

Ingredient

Product Name Food grade Titanium Dioxide

CAS 13463-67-7

MF O₂Ti

MW 79.8658

MS $O=Ti=O$

Item and Standard

ITEM	UNIT	STANDARD
Colour		White
Odor		Odorless
Organization form		Crystalline Powder
Identification		A yellow-red to orange-red Color develops immediately
Assay(on the dried basis)	%	99.0%-100.5%
Loss on drying	%	≤0.5%
Water Soluble salt	%	≤0.25%
Acid Soluble salt	%	≤0.5%
Heavy Metal(Pb)		≤10ppm
Lead		≤3ppm
Arsenic		≤1ppm
Loss on ignition	%	≤0.5%

Application

For colored food, edible pigment additive titanium dioxide can contain appropriate diluent as a safe pigment additive. Titanium Dioxide is one of the popular food additives and ingredients in most countries.

Used in confectionery coating, cold fruit, chewing gum, non-sweet dosage solid drink and concentrated solid drink, used in the daily chemical industry to make toothpaste.



Packaging

25kg paper bag

Storage

Please reading safety data sheet before carrying or using the product.
Cool and dry, keep tightly closed, quality guarantee period is two years.