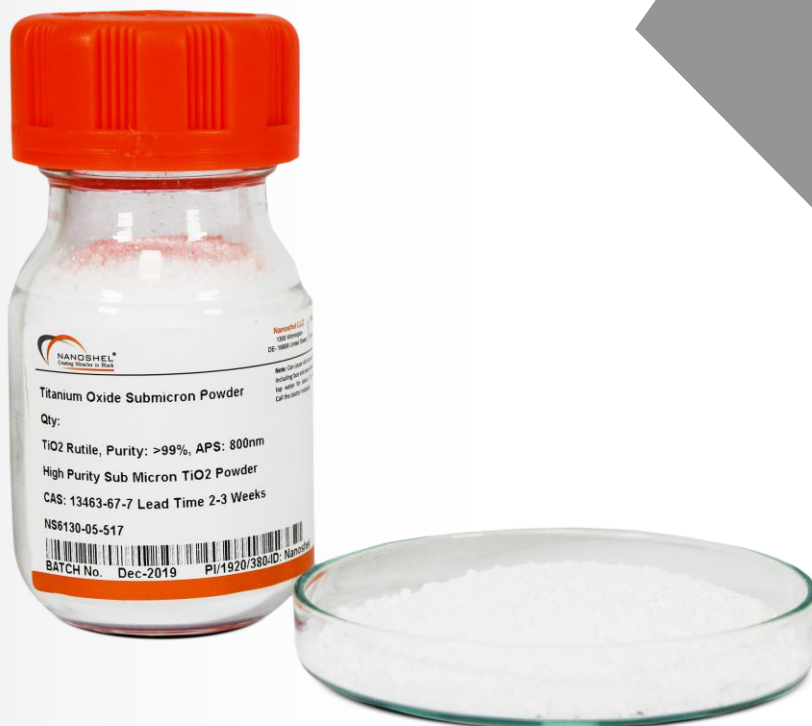


Titanium

Oxide Powder



NS6130-05-517

APS
800nm



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Titanium Oxide Powder

Titanium dioxide, also known as titanium (IV) oxide or titania, is the naturally occurring oxide of titanium with chemical formula TiO_2 . It is also utilized as a pigment and called titanium white. Titanium dioxide has been used as a bleaching and opacifying agent in porcelain enamels, giving them brightness, hardness, and acid resistance.

In modern times it is employed in cosmetics, for instance in skin care products and sunscreen lotions, with claims that titanium dioxide protects the skin from ultraviolet radiation due to its property to absorb ultraviolet light. The photocatalytic activity of titanium dioxide results in thin coatings exhibiting self-cleaning and disinfecting properties under exposure to ultraviolet radiation.

Quick Facts

Product	:	Titanium Oxide Powder
Stock No	:	NS6130-05-517
CAS	:	13463-67-7
Purity	:	>99%
Color	:	White/off-White
Form	:	Powder

Technical Specification

Formula	APS	Molecular Weight	Melting Point
TiO_2	800nm	79.87g/mol	1830-1850°C

Chemical Composition

Product	Weight Percent (nominal)
	TiO_2
Titanium Oxide Powder	>99%

Applications

- Ceramics
- Floor coverings, roofing materials
- Cosmetics
- Pharmaceuticals
- Automotive products
- Sunscreen and catalysts

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