

General Information

Chemical Formula	TiO ₂	$\text{O}=\text{Ti}=\text{O}$
Synonym	Titanium White	
Origin	China	
H.S. Code	3206.11.10	
CAS No.	13463-67-7	
Molecular Weight	79.866 g mol ⁻¹	

Application

Paints and paper industry	It is used as a pigment to provide whiteness and opacity to products such as paints, coatings, papers, inks, foods as well as toothpastes.
Cosmetics	It is used as a pigment, sunscreen and a thickener.
Photocatalyst	It is used as a photocatalyst under ultraviolet (UV) light.
Medicine	It is used as a pigment in medicines (pills and tablets) and is also used in styptic pencils.
Others	It is also used in electronic data storage medium, circuit element, and semiconductor.

Specification

Property	Units	Value
Appearance		White Powder
Color		White
Odor		Oderless
Physical State		Solid
Form		Powder
pH		5 – 8.5 (10% slurry)
Melting Point		3326 - 3362 °F (1830 - 1850 °C)
Boiling Point		4532 - 5432 °F (2500 - 3000 °C)
Specific Gravity		4.1 Approx. (@ 20°C)
Bulk density		600 kg/m ³ Approx. (@ 20°C)
Solubility in Water		Insoluble

Packaging

• 720 @ 25 kg PP/PE bag, 18 MT / 20'FCL