



## Technical Datasheet

### Titanium Dioxide Nanoparticles

- Full product name: Titanium Dioxide Nanoparticles
- Product ID: TiO<sub>2</sub>-IIP
- Chemical Formula: TiO<sub>2</sub>
- CAS Number: 13463-67-7
- Available grade: Lab & Industrial
- Type: Powder

#### Physical properties

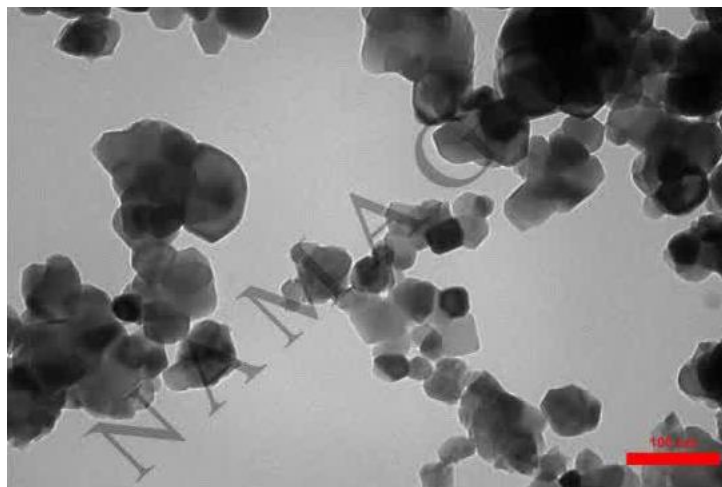
Density	4.23 g/cm <sup>3</sup>
Appearance color	White
APS (TEM)	30-50 nm
Purity (XRF)	99%
Loss on ignition	2-3%
Crystal structure	Anatase

#### Applications

Antiviral Paint and Polymers
UV absorber
catalysis
pigment
Solar Power
cosmetics



## TEM Analysis



## XRD Analysis

