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Titanium Oxide Nanopowder / Nanoparticles (TiO₂, anatase, 99+%, 10-25 nm)

TiO₂ Nanoparticles Purity: >99 %

TiO₂ Nanoparticles APS: 10-25 nm

TiO₂ Nanoparticles SSA: 50-150 m²/g

TiO₂ Nanoparticles Color: white

TiO₂ Nanoparticles Bulk Density: 0.24 g/cm³

TiO₂ Nanoparticles True Density: 3.9 g/cm³ TiO₂

Nanoparticles Loss of weight in drying: 5.66 %

Titanium Oxide Nanoparticles (TiO₂) Certificate of Analysis--ppm

TiO ₂	Al	Mg	Si	Ca	S	Fe
>99%	≤30	≤65	≤120	≤100	≤100	≤100

Titanium Oxide Nanoparticles (TiO₂) Application:

1. UV-resistant material, chemical fiber, plastics, printing ink, coating; 2. Photocatalyst, self-cleaning glass, self-cleaning ceramics, antibacterial material, air purification, sewage treatment, chemical industry; 3. Cosmetics, sunscreen cream, natural white moisture protection cream, beauty and whitening cream, morning and night cream, moistening refresher, vanishing cream, skin protecting cream, face washing milk, skin milk, powder make-up; 4. Coating, printing ink, plastics, foods packing material; 5. Coating for paper-making industry: used for improving the impressionability and opacity of the paper and used for producing titanium, ferrotitanium alloy, carbide alloy etc. in the metallurgical industry; 6. Astronautics industry.

Recommended Dosage:

There is a wide range of product application in different fields with a large different amount of dosage, from 0.5 to 8%. In general, the quantity to be added is about 1-3% for sunscreen agent, 3-5% for whitening and moisture preservation, 3-8% for ultraviolet ray resistance and 2.5% for printing ink and coating. The end user shall determine the quantity to be added through testing and make the best dosage choice for the best use.