

Titanium Oxide Nanoparticles (TiO₂, anatase/rutile, 99+%, 20 nm)

Stock #: US3500

Please click [here](#) for price information.

Details:

Titanium Oxide (TiO₂, 80 vol% anatase + 20 vol% rutile)

Purity: 99+%

APS(D50): 20 nm

SSA: 10 - 45 m²/g

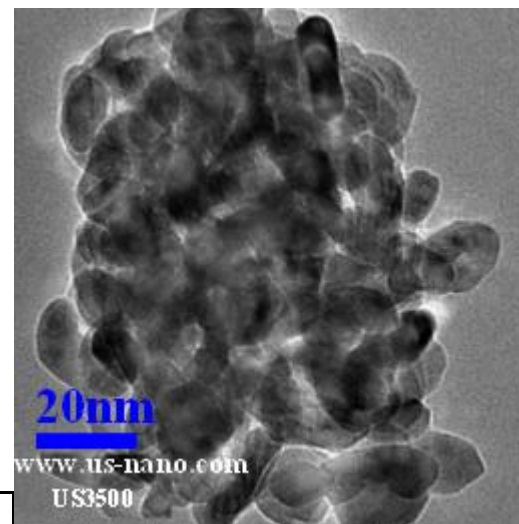
Color: white

Bulk Density: 0.46g/ml

PH: 5.5-6.0

Loss of weight in drying: 0.48%

Loss of weight on ignition: 0.99%



Certificate of Analysis						
TiO ₂	Al	Mg	Si	Ca	S	Nb
≥99%	≤17ppm	≤65ppm	≤120ppm	≤75ppm	≤130ppm	≤80ppm

[MSDS](#)

Applications:

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.

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