



# Titanium Oxide Dispersion

(Anatase)

**Titanium Oxide Dispersion** are one of the first materials to be used in nanotechnology products. Many cosmetic companies use titanium dioxide nanoparticles. Because of its bright whiteness, it is used in products such as paints, coatings, papers, inks, toothpaste, face powder, and food coloring.

## Quick Facts

Purity	: 99.9 %
APS	: 5-15nm
Concentration	: Customer requirement
Dispersing Agent	: Organic Solvent (DMF), IPA, Ethanol, Water (ddH <sub>2</sub> O)
Form	: Slurry, Suspension, Dispersion, Colloidal

## Properties

- ✓ Antimicrobial activity
- ✓ Very high refractive index
- ✓ Highly-refractive and UV-resistant
- ✓ Catalysis characteristics
- ✓ Special electromagnetism
- ✓ Opacity and gloss properties

## Applications

- ✓ Paints field and printing technologies.
- ✓ Food industry
- ✓ Coating
- ✓ Multi-phased cleaning agents,
- ✓ Emulsion paint or seal slurry in the building industry
- ✓ Solvent based systems
- ✓ Paste & liquid inks



Designed by : NANOSHEL LLC



ISO 9001:2015  
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