



# Titanium (Rutile) Oxide Dispersion

**Titanium Oxide Dispersion** are non-toxic and therefore are used in cosmetic products (sunscreens, lipsticks, body powder, soap, pearl essence pigments and tooth pastes) and also in special pharmaceuticals. TiO<sub>2</sub> is even used in food stuffs. TiO<sub>2</sub> photo catalytic characteristics are greatly enhanced due to the advent of nanotechnology.

## Quick Facts

Purity	: 99.9 %
APS	: 30-50nm
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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**INTELLIGENT MATERIALS PVT LTD**  
Derabassi  
Punjab (140507)  
INDIA

+91 9779 550077, 9779238252

**NANOSHEL UK LIMITED**  
Chapel House,  
Chapel St Cheshire,  
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

**NANOSHEL LLC**  
3422 Old Capitol Suit  
1305 Wilmington DE - 19808  
United States

+1 646 470 4911

