



Slurry, Suspension, Dispersion

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IRON NANOPARTICLES DISPERSION

Titanium oxide dispersions are mostly used in automotive paints and wood finishes. Meanwhile they are also widely used in the areas of architectural coatings, industrial coatings, powder coatings, art coatings and cosmetics etc. The excellent weather fastness, UV absorption properties, high transparency and color strength make dispersions enrich the colors, increase color shades when combined with organic pigments and dyes and improve the condition of poor weather fastness when organic pigments and dyes are used alone without transparent iron oxide nanoparticles.

Applications

- ✓ Magnetic data storage and resonance imaging (MRI)
- ✓ Medical and laboratory applications
- ✓ Primary colorant in glass and ceramics and as a catalyst
- ✓ Single electron transistors
- ✓ Catalysts, Drug carriers
- ✓ Atom reactor's structure materials

Properties

- ✓ Excellent electrical
- ✓ Excellent conductivity
- ✓ Good magnetic
- ✓ Large surface area
- ✓ Corrosion resistant

Quick Facts

Purity	: 99.99 %
APS	: 80-100nm
Concentration	: Customer requirement
Dispersing Agent	: Organic Solvent (DMF), IPA, Ethanol, Water (ddH2O)
Form	: Slurry, Suspension, Dispersion, Colloidal

