

Titanium Dioxide Pigments

ATG DIRECT's staff has over 20 years of global experience in the buying and trading of TiO₂ pigments. We know who all the global TiO₂ manufacturers are, and have thoroughly evaluated most of their TiO₂ grades, as well as inspected their factories, quality control systems, production processes, feedstock streams, and capacities. Our vast experience in this field, along with the metrics we use to track and monitor the TiO₂ industry is genuinely unique, and our transparent and flexible approach in how we trade TiO₂ pigments provide our customers with real savings!

Some of the TiO₂ pigments that we source include:

Anatase Types:

A1- Anatase has a purity of 98% min. and a mean particle size in the range of 0.25 to 0.30 microns. It is suitable for use in paper, chalking paints, leather finishes, rubber, electro-ceramics and concrete curing compounds, and road markings.

A2- Anatase has a purity of 98% min. and a particle size distribution around an average of 0.3 microns specifically designed for use in synthetic fiber delustering. It is suitable for use in polyamide, polyester, and cellulose-viscose fibers.

A3- Granular anatase TiO₂ is a 99.5% min. purity, free flowing, non-dusting granular specifically engineered for optical clarity. It is suitable for use in fiber optics, specialty glass, ceramics and other glass manufacturing processes requiring high purity and very low quantities of transition (color-forming) elements.



Anatase TiO₂ Production Facility

Rutile Types:

R1- Rutile is a 99.0% min. purity powder with a mean particle size of 3 to 5 microns, and is well suited for use in the production of electro ceramics, specialty glass, fiberglass, engineered ceramics, and coated welding rods.

R2- Rutile is a multipurpose pigment with a 98% min. It is suitable in water and solvent based systems requiring limited weathering resistance, including interior coatings, road marking paint, powder coatings, disposable or interior plastics, and paper making.

R3- Rutile pigment contains 98% min. TiO₂ plus an organic surface treatment to ease dispersion in solvent based systems. It is suitable for use in road marking paint and color masterbatches.

R4- Rutile pigment contains 98% min. TiO₂ plus an organic surface treatment to ease dispersion in water-based systems. It is suitable for use in water-based enamel paints requiring limited weathering resistance, ceramics and paper making.

R5- Rutile is a multipurpose pigment with a 93% min. TiO₂ content plus alumina and silica inorganic and amphiphilic organic surface treatments. It is suitable for use in solvent based printing inks, plastics, powder coatings, and exterior coatings.

R6- Rutile contains 93% min. TiO₂ with silica and alumina inorganic and hydrophilic organic surface treatments. It is suitable for use in water-based paints and in high quality paper.

R7- Rutile contains 93% min. TiO₂ plus aluminum and zirconium surface treatments. It is a universal pigment suitable for use in paints, coatings, inks, and plastics.

Anatase Slurry

- Anatase powder is available as a 72% solids slurry through cooperating formulators.



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