



PANGANG TITANIUM

R-298 rutile titanium dioxide

R298 is a multi-purpose rutile TiO₂ pigment known for its low oil absorption, high gloss, high tinting strength, durability, and dispersability. Produced by the Sulfate process, with a very fine particle size, it has excellent hiding power and blue tint undertone.

R298 has a zirconium and Al₂O₃ inorganic surface treatment, in combination with a special organic coating. It is well suited for both waterborn and solventborn coating and ink applications.

Applications

- Architectural exterior coatings
- Exterior industrial finishes
- Powder coatings
- Container coatings
- Coil coatings
- Inks

Properties

- High dispersability in solvent and waterborne systems
- Excellent gloss retention
- High tinting strength
- Bluish undertone

Product Characteristics

- TiO₂ content %-----≥93.5
- Brightness %-----≥95.0
- Volatile at 105 °C-----≤0.5
- pH-----6.0-9.0
- Oil absorption-----≤19
- Residue on sieve (45 um)-----≤0.02
- Tinting strength Reynolds number-----≥1920
- Rutile content-----≥98
- Dispersibility-----≥6.50
- ISO591-1:2000(E)-----R2
- ASTM D476-00-----V

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We are not liable for any damages resulting from the use of this information.

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