

# PANGANG TITANIUM

## R-298 rutile titanium dioxide

R298 is a multi-purpose rutile TiO<sub>2</sub> 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 Al<sub>2</sub>O<sub>3</sub> 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

TiO <sub>2</sub> 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

*All information is based on data obtained from the manufacturer or recognized technical sources. The information is believed to be accurate. We make no representation or warranty, express, or implied, concerning to the accuracy or sufficiency of this information. We are not liable for any damages resulting from the use of this information.*

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