



# Titanium Dioxide

## TECHNICAL DATA SHEET

### Titanium Dioxide Rutile GTR398

**Product Description:**

GTR398 is a sulphate-processed rutile  $\text{TiO}_2$  coated with zirconia and alumina as surface treatment. It features excellent dispersibility in both aqueous and solvent-borne formulations, high brightness, high gloss, high hiding power, and excellent weather resistance. These characteristics make it suitable for various coating applications.

**Version No.:** 2025.04.28

**Product specification:**

Items	Standard
$\text{TiO}_2$ Content %	$\geq 94.0$
Brightness	$\geq 94.5$
Reducing Power (Reynolds number)	$\geq 1800$
Volatile at $105^\circ\text{C}$ %	$\leq 0.5$
pH Value	6.0-8.5
Oil Absorption g/100g	$\leq 21$
Sieve Residue ( $45\mu\text{m}$ ) %	$\leq 0.02$
Electric Resistivity $\Omega\cdot\text{m}$	$\geq 80$
Content of Rutile %	$\geq 97.0$
Dispersibility, Hegman	$\geq 5.50$
Mass Fraction of Water-soluble Substances %	$\leq 0.3$

**Applications:** General purpose industrial coatings, powder coating, architectural coatings (both indoor and outdoor), and special purpose coatings.

**Standard Package:** 25kg paper bag, Tonnage bag

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