



# Titanium Dioxide

## TECHNICAL DATA SHEET

### Titanium Dioxide Rutile GTR358+

**Product Description:**

GTR358+ is a rutile  $\text{TiO}_2$  pigment produced by sulfate process and coated with silica and alumina as surface treatment, processed by organic silicon. It features good flowability of dry powder, high hiding power, good dispersibility, and high durability with good anti-yellowing performance. These characteristics make it suitable for various applications requiring quality pigmentation with excellent stability and processing properties.

**Version No.:** 2025.04.28

**Product specification:**

Items	Standard
$\text{TiO}_2$ Content %	$\geq 92.0$
Brightness	$\geq 93.5$
Reducing Power (Reynolds number)	$\geq 1750$
Volatile at $105^\circ\text{C}$ %	$\leq 0.5$
pH Value	6.0-9.0
Oil Absorption g/100g	$\leq 21.0$
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	$\geq 5.0$
Mass Fraction of Water-soluble Substances %	$\leq 0.3$

**Applications:** Powder Coating, PVC pipe and profile

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

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