



Titanium Dioxide

TECHNICAL DATA SHEET

Titanium Dioxide Rutile GTR358

Product Description:

This grade is a sulphate-processed rutile TiO_2 coated inorganically with silica (dense silicon) and alumina as surface treatment. It is particularly designed for outdoor waterborne and oil-based coating with high weather resistance. It features high weather resistance, high hiding power, high gloss, and is easily wetted and dispersed.

Version No.: 2025.05.12

Product specification:

Items	Standard
TiO_2 Content %	≥ 92.0
Brightness	≥ 93.5
Reducing Power (Reynolds number)	≥ 1750
Volatile at 105°C %	≤ 0.5
pH Value	6.0-9.0
Oil Absorption g/100g	≤ 21.0
Sieve Residue ($45\mu\text{m}$) %	≤ 0.02
Electric Resistivity $\Omega\cdot\text{m}$	≥ 80.0
Content of Rutile %	≥ 97.0
Dispersibility, Hegman	≥ 5.50
Mass Fraction of Water-soluble Substances %	≤ 0.3

Applications: Waterborne architectural paint (both indoor and outdoor), oil-based architectural coatings (both indoor and outdoor), and latex paint.

Standard Package: 25kg paper bag, Tonnage bag

G & J Resources Inc.

Address: Unit 502, 7300 Warden Ave, Markham, ON, Canada L3R 9Z6;

Tel: +1-905-6047008; Fax: +1-905-6047009