

ALATAI™ R-577

RUTILE TITANIUM DIOXIDE

PRODUCT INFORMATION

Product Description

R-577 is a high-grade rutile titanium dioxide, it adopts advanced TINT and particle-size controlled technique and ZrO₂, Al₂O₃ and inorganic surface treated process, it combines excellent properties such as high whiteness, high optical and hiding power, super durability and dispersibility properties, is suitable for coatings, printing ink and so on, also suitable for plastics coloring.

Specifications

Property	R-577
TiO ₂ Content, %	≥94.0
Brightness %	≥95.0
Volatile at 105°C	≤0.5
PH	6.5-8.0
Oil absorption	≤18
Remains on sieve (45μm)	≤0.03
Tint-reducing power	≥1980
Rutile Content	≥99.3
Specific Resistance Ωm	≥80.0
Color index	Pigment White 6
Dispersibility	≥6.50
ISO591-1:2000(E)	R2
ASTMD476-00	V

Product Features

High dispersibility
Blue undertone
Strong hiding power
High weather resistance
Favorable leveling property

Application Suggestion

Paint, Powder Coating, Solvent-based Coating, Water-based Coating; Ink; Plastics coloring, Masterbatches

Package

Product is packed in multi-layer paper-plastic complex bags, 25 kilos each. If the customers have special requirements, 500-kilo or 1,000-kilo package can be provided.

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These products may not be directly added to food, pharmaceuticals, cosmetics, or cigarette papers/filters for tobacco products. The data included in the typical properties are not a specification. The information in this data sheet is a general guide to the properties of the product described in it.