

JTR-739T

Titanium Dioxide · Technical Data Sheet

Jiuta Chemical · Quality Titanium Dioxide



Product Information

JTR-739T is a rutile titanium dioxide pigment prepared by sulphate process. Its hydrolysis and calcination are specially designed and controlled, and it adopts unique surface treatment technology, making it an excellent general-purpose titanium dioxide.

Key Features

- Excellent optical properties
- Good whiteness
- Easy dispersion
- High gloss
- Good hiding power

Analysis and Physical Properties of JTR-739T

Property	Value
TiO ₂ , wt%	≥94.0
Alumina, wt%	2.7
Zirconia, wt%	0.4
Specific Gravity	4.1
Bulking Value, L/kg (gal/lb)	0.25 (0.03)
Organic Treatment	Yes
Color CIE L*	98
Median Particle Size, μm	0.35
Oil Absorption	16.5
pH	6.5–8.5
Carbon Black Undertone	13.5

Note: All values are typical unless otherwise specified

Suggestions for Use

- Interior and exterior wall paints
- Powder coatings
- Industrial coatings
- Printing ink for woven bag and carton

High gloss and good whiteness

It was launched after years of development and continuous improvement. It combines carefully screened minerals and organic coatings with optimized crystal size, giving higher gloss and better whiteness.

Good hiding power

JTR-739T has a finer particle size and a more concentrated particle size distribution, which gives the product excellent hiding power.

Shipping Containers

- 25 kg paper bag
- 500 kg bag
- 1 metric ton big bag

Product Storage

The shelf life of JTR-739T is indefinite as long as the material is kept from direct contact with moisture. For further information or to request a sample, please visit jiutatitanium.com.