

JTR-739T

Product Information

Product Description

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.

Table 1

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

Key Features

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

Suggestions for Use

JTR-739T has excellent optical properties, good whiteness, easy dispersion, high gloss, Good wettability etc. It is widely used in coatings and inks including:

- 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 to ensure excellent performance in various applications. It combines carefully screened minerals and organic coatings with optimized crystal size, and strictly controls each production process. It has a finer particle size and a more concentrated particle size distribution, which gives the product 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. The use of advanced process control technology and special inorganic and organic surface treatment can present a stable suspension state in the application system, greatly improving the use efficiency and reducing resource consumption and waste.

Shipping Containers

JTR-739T is available in 25 kg paper bag, 500 kg bag and 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 about this grade or to request a sample, please see the JIUTA website.