

# JTR-729

Titanium Dioxide · Technical Data Sheet

Jiuta Chemical · Quality Titanium Dioxide



## Product Information

JTR-729 is a rutile titanium dioxide produced by sulphate process, with inorganic surface treatment of zirconia, silica and alumina. It is a general grade and widely used in paints and plastics and inks.

### Key Features

- Good durability
- Excellent hiding power
- Exceptional gloss and brightness
- Excellent dispersion

### Analysis and Physical Properties of JTR-729

| Property                     | Value       |
|------------------------------|-------------|
| TiO <sub>2</sub> , wt%       | ≥94.0       |
| Alumina, wt%                 | 3.8         |
| Silica, wt%                  | 0.3         |
| Zirconia, wt%                | 0.5         |
| Specific Gravity             | 4.1         |
| Bulking Value, L/kg (gal/lb) | 0.25 (0.03) |
| Organic Treatment            | Yes         |
| Color CIE L*                 | 98.6        |
| Median Particle Size, μm     | 0.34        |
| Oil Absorption               | 19          |
| pH                           | 7.5         |
| Carbon Black Undertone       | 13.9        |

Note: All values are typical unless otherwise specified

### Suggestions for Use

- Industrial paints
- Powder coatings
- Interior and Exterior paints

### High Whiteness

JTR-729 has extremely high whiteness and it is suitable for the coatings, plastics, and inks which has high requirement for whiteness.

### Excellent Hiding Power

JTR-729 has outstanding hiding power, effectively enhancing the coverage of coatings and reducing the usage of titanium dioxide.

### Shipping Containers

- 25 kg paper bag
- 1 metric ton big bag

### Product Storage

The shelf life of JTR-729 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](http://jiutatitanium.com).