

JTR-719

Titanium Dioxide · Technical Data Sheet

Jiuta Chemical · Quality Titanium Dioxide



Product Information

JTR-719 is a rutile titanium dioxide produced by sulphate process. It is widely used in outdoor coatings, powder coatings and PVC profile. It has very blue color tone. It uses silicon-aluminum inorganic treatment and special organic treatment. It has good weather resistance and temperature resistance ability.

Key Features

- High bluish
- Good durability
- Good temperature resistance

Analysis and Physical Properties of JTR-719

Property	Value
TiO ₂ , wt%	≥93.0
Alumina, wt%	2.0
Silica, wt%	3.0
Specific Gravity	4
Bulking Value, L/kg (gal/lb)	0.25 (0.03)
Organic Treatment	Yes
Color CIE L*	98
Median Particle Size, μm	0.32
Oil Absorption	20
pH	6.5–8.5
Carbon Black Undertone	16.8

Note: All values are typical unless otherwise specified

Suggestions for Use

- Coatings
- PVC profile
- Powder coating
- Rubber
- Road making paints
- Anticorrosive paint (container paint)

Good Durability and Temperature Resistance

With 3% uniform and dense silicon treatment which offer good durability and temperature resistance of JTR-719.

Highest Bluish Undertone

Small particle size TiO₂ grades scatter blue light more effectively than larger particle size grades and hence have a bluer undertone. The bluer undertone of JTR-719 imparts a brighter, cleaner tint.

Shipping Containers

- 25 kg paper bag
- 1 metric ton big bag

Product Storage

The shelf life of JTR-719 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.