

JTCR-519

Titanium Dioxide · Technical Data Sheet

Jiuta Chemical · Quality Titanium Dioxide



Product Information

JTCR-519 is a zirconium-aluminum surface treated chloride grade titanium dioxide pigment. With perfect particle size controlling, JTCR-519 gives good whiteness, good dispersion, high gloss, good hiding power and high weather resistance properties. It is widely used in coatings, leather and rubber production.

Key Features

- Brilliant whiteness
- Excellent opacity & gloss
- High dispersing
- High weather resistance

Analysis and Physical Properties of JTCR-519

Property	Value
TiO ₂ Content	≥93.5%
Rutile Content	≥99.0%
Moisture at 105°C	≤0.5%
Oil Absorption	≤20 g/100g
pH	7-8
Inorganic Surface Treatment	Alumina; Zirconium
Organic Treatment	Yes
Specific Gravity	4.1 g/cm ³
Classification	R2 (ISO 591-1)
Category	ASTM D-476-84: II(IV)
Color Index NO.	White pigment 6 {77891}
CAS NO.	13463-67-7

Note: All values are typical unless otherwise specified

Suggestions for Use

- Coating & Paints
- Plastic & Rubber
- Ink (solvent-based, tin-printing)
- Leather color paste and sheet

Excellent Opacity and Gloss

With perfect particle size controlling, JTCR-519 delivers excellent opacity and high gloss performance in coating and ink systems.

High Weather Resistance

The zirconium-aluminum inorganic surface treatment provides high weather resistance, making JTCR-519 suitable for exterior applications.

Shipping Containers

- 25 kg paper bag
- 1000 kg woven super bag

Product Storage

The shelf life of JTCR-519 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.