JTR-719
Product Information

Product Description

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 use silicon-aluminum inorganic treatment and special organic treatment. It has good weather resistance and temperature resistance ability.

Table 1

Analysis and Physical Properties of JTR-719

Property	Value
TiO2, 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

Key Features

- High bluish
- Good durability
- Good temperature resistance

Suggestions for Use

Because of its good exterior durability, JTR-719 is the pigment of choice for many critical applications including:

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

Good Durability and Good 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

JTR-719 is available in 25 kg paper bag and 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 about this grade or to request a sample, please see the JIUTA website.