

JTCR-539

Product Information

Product Description

JTCR-539 is multipurpose titanium dioxide paint grade which is produced by chloride process.

It's treated by zirconium-aluminum and specific organic surface treatment. It has ease dispersion, excellent opacity and gloss with bluish color tone.

Table 1

Analysis and Physical Properties of JTCR-539

Property	Value
TiO ₂ , wt%	≥94.0
Alumina, wt%	3.5
Silica, wt%	0.2
Zirconia, wt%	0.5
Specific Gravity	4
Bulking Value, L/kg (gal/lb)	0.25 (0.03)
Organic Treatment	Yes
Color CIE L*	99.1
Median Particle Size, μm	0.32
Oil Absorption	16
pH	7.0-8.0
Carbon Black Undertone	13.9

Note: All values are typical unless otherwise specified

Key Features

- Brilliant gloss
- Excellent opacity and whiteness
- Quick and easy dispersing
- High tinting strength
- Good durability

Suggestions for Use

JTCR-539 is a specialty application pigment combining excellent gloss, high hiding power and excellent dispersion. Recommended use is in:

- Industrial paints
- Powder coatings
- Interior and Exterior paints
- Automotive paints, OEM Automotive refinish paints
- Marine paints and Protective coatings

Excellent Gloss

Gloss is an important feature in many super durable coatings applications, and retention of gloss over the life of a product is of high importance to consumers.

Excellent Opacity and Whiteness

With well designed particle size and high purity, JTCR-539 offers excellent opacity and brilliant whiteness in many end-use applications.

Shipping Containers

JTCR-539 is available in 25 kg paper bag and 1 metric ton big bag.

Product Storage

The shelf life of JTCR-539 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.