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 |
|------------------------------|-------------|
| TiO2, 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.



