

# JTR-759T

## Product Information

### Product Description

JTR-759T is a high gloss titanium dioxide pigment. Application is for all kinds of printing inks. It's treated by aluminum and specific organic surface treatment. With its exceptional gloss and high opacity, It is the best choice for surface printing ink.

**Table 1**  
Analysis and Physical Properties of JTR-759T

Property	Value
TiO <sub>2</sub> , wt%	≥94.5
Alumina, wt%	3.8
Specific Gravity	4
Bulking Value, L/kg (gal/lb)	0.25 (0.03)
Organic Treatment	Yes
Color CIE L*	97.9
Median Particle Size, μm	0.33
Oil Absorption	14
pH	6.0-8.0
Carbon Black Undertone	13

Note: All values are typical unless otherwise specified

### Key Features

- Exceptional gloss
- High opacity
- Perfect dispersion.
- Low abrasion rate

### Suggestions for Use

JTR-759T is suitable for a range of printing ink applications and provides exceptional performance across a wide spectrum of properties. Recommended use is in:

- High-gloss gravure and flexographic inks
- Reverse and lamination printing inks
- Packaging and can coatings

### Exceptional Gloss

Careful control of the TiO<sub>2</sub> particle size during manufacture of JTR-759T results in exceptional gloss performance. JTR-759T has a tight particle size distribution, resulting in less oversized particles that detract from gloss.

### Low Abrasion Rate

Abrasion resistance is the ability of printed ink to resist wear and tear. This can be important for many applications. This is because if the ink is not resistant to abrasion, it can rub off easily and ruin your print job.

### Shipping Containers

JTR-759T is available in 25 kg paper bag and 1 metric ton big bag.

### Product Storage

The shelf life of JTR-759T 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.