JTR-799T
Product Information

Product Description

JTR-799T is a titanium dioxide pigment with sulphate process. Application is for high loading polyolefins masterbatch.

It is extremely bluish undertone and it is treated by aluminum inorganic and specific organic surface treatment. It has excellent whiteness, high tinting strength, low and stable FPV.

Table 1
Analysis and Physical Properties of JTR-799T

Property	Value
TiO2, wt%	≥97.0
Alumina, wt%	1.0
Specific Gravity	4.1
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	15
pH	6.0-8.5
Carbon Black Undertone	16-18

Note: All values are typical unless otherwise specified

Key Features

- Low and stable FPV
- Extremely bluish undertone
- Excellent dispersibility
- High tinting strength

Suggestions for Use

JTR-799T has excellent dispersibility, and covering power, and is suitable for plastic products such as high loading masterbatch and engineering plastics.

- Color masterbatch
- Modified plastics
- Engineering plastic
- Indoor PVC sheets
- High loading white polyolefins masterbatch

High tinting strength

Tinting strength is an important characteristic index of titanium dioxide. Improving the tinting strength of titanium dioxide is of great significance for improving and stabilizing product quality, as well as developing new products.

Extremely 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-799T imparts a brighter, cleaner tint.

Shipping Containers

JTR-799T is available in 25 kg paper/PE bag and 1 metric ton big bag.

Product Storage

The shelf life of JTR-799T 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.