

JTR-799

Product Information

Product Description

JTR-799 is a sulphate process titanium dioxide pigment, which is recommended for PVC rolling film masterbatch, PE casting and blowing film masterbatches.

It's treated by aluminum inorganic and specific organic surface treatment. With its' neutral color tone, low and stable FPV, it greatly improves the production efficiency of masterbatch in large equipment.

Table 1

Analysis and Physical Properties of JTR-799

| Property | Value |
|------------------------------|-------------|
| TiO ₂ , wt% | ≥97 |
| Alumina, wt% | 1.4 |
| 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 | 0.33 |
| Oil Absorption | 15 |
| pH | 6.0-8.5 |
| Carbon Black Undertone | 14-16 |

Note: All values are typical unless otherwise specified

Key Features

- Good melt fluidity
- Good hiding power
- Good processing performance

Suggestions for Use

The particle size of JTR-799 is uniform and moderate, after special surface treatment, JTR-799 has lower oil absorption and better leveling performance.

- PVC rolling film masterbatch
- PE casting and blowing film masterbatch
- PVC profiles and plates

Good melt fluidity

After extensive research and development screening by the technical team, the highest quality and suitable organic treatment agent has been selected, which can make JTR-799 have good compatibility with the resin system and effectively help improve production efficiency.

Shipping Containers

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

Product Storage

The shelf life of JTR-799 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.