

JTR-N101

Product Information

Product Description

JTR-N101 is white fluffy powder, which is produced with unique production technology of nano TiO₂. The product has high purity and the particle shape is rod. It can be used in electronic materials to improve the power storage capacity and prolong the service life of the products.

Table 1

Analysis and Physical Properties of JTR-N101

Property	Value
Crystal Type	Rutile
Specific Surface Area	≥30
TiO ₂ , wt%	>99
pH	6.0~9.0
Surface coating species	—
Particle Size (the particle shape is rod)	about 50 nm in length
	about 20 nm in width

Note: All values are typical unless otherwise specified

Key Features

- High purity
- The particle shape is rod

Recommended application

JTR-N101 is suitable for:

- It can be used as matrix material in electrode foil, battery and other products.

Suggestions for Use

JTR-N101 can be directly added to the production formula, or it can be added after pre-dispersion. Mechanical stirring or other means can be used to ensure that JTR-N101 is evenly mixed with all other materials.

Shipping Containers

JTR-N101 is available in 10 kg box.

Product Storage

The shelf life of JTR-N101 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.