

Titandioxide Nano powder

high performance visible light response Anatase Nano TiO₂ based photocatalytic powder form catalyst.



Special properties:

- nano scale
- high surface area
- high efficiency & performance

Example of application:

- paint additive
- cement/concrete additive
- pavement additive

Typical application:

- NO_x, VOCs decomposition
- air purification
- anti-algae
- self-cleaning

Usage instructions:

- high speed cutting and mix up

Dosage instruction*

1-1,5%

* The above information is just typical data, practical test is necessary

Transport:

No Transport danger for Air, Sea, Highway and Rail, transportation of dangerous goods

Storage stability:

24 months in original container under cool, dark condition

Technical Information:

Chemical description: Nano Titandioxid-Pulver

• appearance: White powder

Active matter content:

TiO₂ > 99 % (±1%)

• Water content:

• Alcohol content:

Specification:

• PH Value:

-

• primary particle size:

> 10 - 20 nm

• crystal structure:

TiO₂ Anatase

• specific gravity:

4,26 g/ml

• Boiling point:

2750°C

• melting point:

1855°C

• BET surface area:

150 m²/g.

Registration status:

The ingredients are listed in the following chemical inventories:
CAS, EINECS, TSCA, AICS, CEPA, MITI

Package:

5kg, 10kg, 25 kg, plastic or paper bag, carton barrels

* refer to relevant (MSDS) Material Safety Data Sheet