

## Technical Data Sheet

# Titanium Disulfide Powder

**Product ID:** 221600PD001 / 221600PD002

**Formular:** TiS<sub>2</sub>

**Molecular weight:** 112.0 g/mol

**CAS No.:** 12039-13-3

**EINECS No.:** 234-883-0

**Color:** Black

**Description:** Our titanium disulfide has a purity of typically ≥99.9% and can be customized in size according to requirements. It features excellent electrical conductivity, low interlayer interaction, and good chemical stability.

**Application:** Energy storage materials, electronic materials, lubrication materials, catalysts, etc.

**Product**



**Image:**

### 1. Sizes

Product ID	Formular	Particle Size
221600PD001	TiS <sub>2</sub> (99.9%)	-100 Mesh
221600PD002	TiS <sub>2</sub> (99.9%)	-200 Mesh
221600PDDZ	TiS <sub>2</sub> (99.9%)	Customized

### 2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)					
	Co	Al	Mg	Ni	Fe	Si
99.9%	≤ 50	≤ 150	≤ 50	≤ 150	≤ 200	≤ 150

*Note: The purity values shown are calculated by subtracting the sum of selected measured elemental impurities from 100%. These values do not represent the result of a full elemental analysis.*

### 3. Packaging

Bottle/Bag.

Double vacuum packed.

Customized packaging available upon request.

### 4. Period of Validity

It is recommended to use this product within 12 months. If it is overdue, the product quality status should be re-evaluated.

### 5. Handling and Storage

When using, wear protective equipment (such as gloves, goggles, and a dust mask) to avoid inhalation of dust or skin contact and keep away from strong oxidizers.

Stored in a dry, cool environment, avoiding high temperatures and humidity.

### Contact Us

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