

Technical Data Sheet

Titanium Disulfide Powder

Product ID: 221600PD001 / 221600PD002

Formular: TiS_2

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 $\geq 99.9\%$ 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_2 (99.9%)	-100 Mesh
221600PD002	TiS_2 (99.9%)	-200 Mesh
221600PDDZ	TiS_2 (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

Website: www.vimaterial.de

Email: info@vimaterial.de

Tel: 0049 1626484175

Add: Begener Straße 14., 30625 Hannover, Niedersachsen, Germany.