

Technical Data Sheet

Molybdenum Telluride Powder

Product ID: 425200PD001 - 425200PD003

Formula: MoTe₂

Molecular weight: 351.16 g/mol

CAS No.: 12058-20-7

EINECS No.: 235-028-4

Color: Black

Description: Molybdenum telluride powder offers excellent electrical, optical, and semiconductor properties, making it suitable for advanced electronic, optoelectronic, energy storage, and research applications.

Application: Semiconductors, optoelectronics, sensors, energy storage, catalysis, etc.

**Product
Image:**



1. Sizes

Product ID	Formula	Particle Size
425200PD001	MoTe ₂ (99.9%)	-200 Mesh
425200PD002	MoTe ₂ (99.9%)	-325 Mesh
425200PD003	MoTe ₂ (99.9%)	D50< 10µm
425200PDDZ	MoTe ₂ (99.9%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal Impurities (ppm)					
	Co	Cu	Ni	Fe	Si	Cr
99.9%	≤ 200	≤ 50	≤ 50	≤ 200	≤ 150	≤ 50

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

Bottles/bags with double vacuum packaging.
Custom packaging is also 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

Handle in a well-ventilated area while avoiding dust generation and prolonged inhalation or skin contact.

Store in a tightly sealed, dry container in a cool, well-ventilated area, protected from moisture and contamination.

Contact Us

Website: www.vimaterial.de

Email: info@vimaterial.de

Tel: 0049 1626484175

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