

Technical Data Sheet

Titanium Dioxide Powder

Product ID: 220805PD001 / 220805PD002

Formular: TiO₂

Molecular weight: 79.86 g/mol

CAS No.: 13463-67-7

EINECS No.: 236-675-5

Color: White

Description: Our titanium dioxide typically has a purity of ≥99.5%, with various particle sizes available upon request. It features excellent electrical insulation and photocatalytic properties.

Application: Photocatalytic applications, ceramics and glass, coatings and inks, plastics and rubber, cosmetics and personal care products, etc.

Product

Image:



1. Sizes

Product ID	Formular	Particle Size	Crystal Structure
220805PD001	TiO ₂ (99.5%)	-100+325 Mesh	Rutile/Anatase
220805PD002	TiO ₂ (99.95%)	-325 Mesh	Anatase
220805PD2N5DZ	TiO ₂ (99.5%)	Customized	Rutile/Anatase
220805PD3N5DZ	TiO ₂ (99.95%)	Customized	Anatase

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)							
	Ca	Al	Fe	K	Mg	Si	Sr	Na
99.5%	≤ 250	≤ 250	≤ 200	≤ 100	≤ 250	≤ 450	≤ 150	≤ 100
99.95%	≤ 30	≤ 30	≤ 100	≤ 10	≤ 30	≤ 100	≤ 20	≤ 10

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

Small batch: bottled/bag, double vacuum packed.

Large batch: 25 kg/bag.

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.

Store in a cool, dry place, tightly sealed, away from moisture and incompatible materials.

Contact Us

Website: www.vimaterial.de

Email: info@vimaterial.de

Tel: 0049 1626484175

Add.: (Warehouse) Mannheimer Straße 14., 30880 Laatzen, Niedersachsen, Germany.

(Office) Begener Straße 14., 30625 Hannover, Niedersachsen, Germany.