

Technical Data Sheet

Sodium Titanium Phosphate (NTP) Powder

Product ID: 1122150800PD001

Formular: $\text{NaTi}_2(\text{PO}_4)_3$

Molecular weight: /

CAS No.: 22239-24-3

EINECS No.: /

Color: Grey-black

Description: Our Sodium titanium phosphate (NTP) has a typical purity of $\geq 99\%$ and can be customized with different molar ratios and particle sizes. It features high ionic conductivity, excellent structural stability, long cycle life, and fast charge-discharge performance.

Application: Sodium-ion batteries, large-scale energy storage systems.

Product

Image:



1. Physical Properties

Product ID	Formula	Purity	Particle size	Surface Area	Density
1122150800PD001	$\text{NaTi}_2(\text{PO}_4)_3$	$\geq 99\%$	D50 = 1-3 μm	$\geq 5 \text{ m}^2/\text{g}$	2.8-3.0 g/ml
1122150800PDDZ	Customized	Customized	Customized	Customized	Customized

2. Chemical compositions

Element	Chemical Composition (wt%)		
	Na	Ti	P
Typical Value	5.7 ± 0.5	23.7 ± 2.0	23.0 ± 2.0

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

Bottled/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 a dust mask to prevent dust inhalation, and handle in a well-ventilated area.

Store in a cool, dry, and tightly sealed container, away from moisture and strong oxidizing agents

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