

# Global Titanium Nitride Powder Supply, Demand and Key Producers, 2023-2029

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# **Abstracts**

The global Titanium Nitride Powder market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Titanium nitride (TiN) is an extremely hard ceramic material, the molecular formula is TiN, the molecular weight is 61.88, the particle size of nano-scale titanium nitride is from 20nm-500nm, the particle size of micron-scale titanium nitride is from 1?m-40?m, and the purity is from 2N to 5N. Nano-scale titanium nitride powder: the particle size is below 500 nanometers, and has the advantages of high specific surface area, high activity and high hardness, and can be used to prepare high-performance coatings, composite materials and catalysts. Micron-sized titanium nitride powder: the particle size is between 1-100 microns, with good thermal stability, wear resistance and electrical conductivity, etc., and can be used to prepare knives, molds, electrodes and electronic devices. TiN powder is generally yellowish brown, and ultrafine TiN powder is black. Coatings less than 5 microns in most applications are commonly used as coatings on titanium alloys, steel, carbide and aluminum components to improve the surface properties of substrates and as a non-toxic external medical implant, An ideal surface treatment material for jewelry and automotive trim, TiN is an important compound to enhance the performance of TiC-based cermet cutting tools. With the recent rapid increase in the use of cermet cutting tools, the demand for titanium nitride powder is also growing.

This report studies the global Titanium Nitride Powder production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Titanium Nitride Powder, and provides market size (US\$ million) and Year-over-Year (YoY)



Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Titanium Nitride Powder that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Titanium Nitride Powder total production and demand, 2018-2029, (Tons)

Global Titanium Nitride Powder total production value, 2018-2029, (USD Million)

Global Titanium Nitride Powder production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Titanium Nitride Powder consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Titanium Nitride Powder domestic production, consumption, key domestic manufacturers and share

Global Titanium Nitride Powder production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Titanium Nitride Powder production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Titanium Nitride Powder production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global Titanium Nitride Powder market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include N B Enterprises, Heeger Materials, Pacific Particle Materials, H?gan?s, JAPAN NEW METALS, Nanoshel, Nanografi Nano Technology, Hunan YouSHE Technology and Luoyang Tongrun Nano Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices



used in analyzing the World Titanium Nitride Powder market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (USD/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

year wi	th 2022 as the base year, 2023 as the estimate year, and 2024- t year.
Global <sup>*</sup>	Titanium Nitride Powder Market, By Region:
	United States
	China
	Europe
	Japan
	South Korea
	ASEAN
	India
	Rest of World
Global <sup>·</sup>	Titanium Nitride Powder Market, Segmentation by Type
	Nanometer Level
	Micron Level

Global Titanium Nitride Powder Market, Segmentation by Application

Hard Alloy



Cermet Knives	
High Temperature Structural Materials	
Battery Materials	
Superconducting Materials	
Coating	
Conductive Materials	
Other	
Companies Profiled:	
N B Enterprises	
Heeger Materials	
Pacific Particle Materials	
H?gan?s	
JAPAN NEW METALS	
Nanoshel	
Nanografi Nano Technology	
Hunan YouSHE Technology	
Luoyang Tongrun Nano Technology	
XI`AN Function Material	
Zhuzhou Guangyuan Cemented Material	



# Key Questions Answered

- 1. How big is the global Titanium Nitride Powder market?
- 2. What is the demand of the global Titanium Nitride Powder market?
- 3. What is the year over year growth of the global Titanium Nitride Powder market?
- 4. What is the production and production value of the global Titanium Nitride Powder market?
- 5. Who are the key producers in the global Titanium Nitride Powder market?
- 6. What are the growth factors driving the market demand?



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