

# Global Lead Telluride Target Material Supply, Demand and Key Producers, 2023-2029

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# **Abstracts**

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

Lead telluride target is a key material used in semiconductor thin film preparation technologies such as physical vapor deposition (PVD) and magnetron sputtering (sputtering). It is usually made of high-purity lead telluride (PbTe) material, which has good thermoelectric properties and chemical stability. In preparation technologies such as PVD and sputtering, the lead telluride target is placed in a vacuum chamber, and then the atoms on its surface are released by ion bombardment or thermal evaporation, and deposited on the surface of the semiconductor wafer to form the desired film structure. Due to the excellent thermoelectric properties of lead telluride, lead telluride targets have been widely used in the manufacture of semiconductor devices, such as for the preparation of thermoelectric materials, photodetectors, etc.

This report studies the global Lead Telluride Target Material production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Lead Telluride Target Material, 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 Lead Telluride Target Material that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Lead Telluride Target Material total production and demand, 2018-2029, (Tons)



Global Lead Telluride Target Material total production value, 2018-2029, (USD Million)

Global Lead Telluride Target Material production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Lead Telluride Target Material consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Lead Telluride Target Material domestic production, consumption, key domestic manufacturers and share

Global Lead Telluride Target Material production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Lead Telluride Target Material production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Lead Telluride Target Material production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Lead Telluride Target Material 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 Alfa Aesar, American Elements, ESPI Metals, Goodfellow, LTS Research Laboratories, Materion Corporation, Metalor Technologies, Nanoshel and Plasmaterials Inc., 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 Lead Telluride Target Material market

# **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/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.

Global	Lead Telluride Target Material Market, By Region:
	United States
	China
	Europe
	Japan
	South Korea
	ASEAN
	India
	Rest of World
Global	Lead Telluride Target Material Market, Segmentation by Type
	Single Crystal Lead Telluride Target
	Polycrystalline Lead Telluride Target
Global	Lead Telluride Target Material Market, Segmentation by Application
	Medical Industry
	Security Industry
	Nuclear Energy Industry
	Research Industry



Companies Profiled:

Alfa Aesar
American Elements
ESPI Metals
Goodfellow
LTS Research Laboratories
Materion Corporation
Metalor Technologies
Nanoshel
Plasmaterials Inc.
Pure Elements
Rhenium Alloys Inc.
Sigma-Aldrich
SkySpring Nanomaterials
Strem Chemicals Inc.
Ted Pella Inc.
TOSOH Corporation
Vital Materials Co., Limited

Key Questions Answered



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



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