

# Global Rubidium Market Outlook to 2027

<https://marketpublishers.com/r/G60B64CC3C5CEN.html>

Date: January 2022

Pages: 183

Price: US\$ 4,490.00 (Single User License)

ID: G60B64CC3C5CEN

## Abstracts

Rubidium is a soft, highly reactive silvery-white metal in the alkali metal group. According to BlueQuark Research & Consulting, the global Rubidium market is expected to witness a significant growth rate during the forecast period. Factors such as the increasing demand for Rubidium in the growing biomedical research-oriented applications and increasing demand in the making of specialty glasses are expected to drive the demand for Rubidium in the forecast period. The increasing demand for Rubidium due to its photo-emissivity properties is used to manufacture photovoltaic cells, night vision devices, etc. is further expected to propel the demand for Rubidium in the forecast period. However, availability and high cost are two challenges besides transportation and storage-related safety issues that restrain the rubidium market's growth.

The Rubidium market can be segmented on the basis of product type as Rubidium Chloride, Rubidium Hydroxide, Rubidium Carbonate, Rubidium Copper Sulfate, Rubidium Silver Iodide, Rubidium Nitrate, and Others.

The Specialty Glass Industry is the prime consumer of Rubidium and is expected to drive the demand for Rubidium in the forecasted years. It is widely used in fiber optics telecommunications systems and night-vision devices. Rubidium Carbonate ( $\text{Rb}_2\text{CO}_3$ ) helps in reducing electrical conductivity and improves stability and durability as it acts as an additive to these types of glass, thus increasing the global rubidium carbonate market. Rubidium-utilized specialty glass' properties such as photo-emissivity make it's a preferred choice for manufacturing photomultiplier tubes, moving sensor gadgets, and photoelectric cells or solar panels. The demand for solar panels has been rising globally due to the increasing awareness among people to use renewable sources of energy, reduce carbon footprints, and subsidies offered by the government for its use are propelling the growth of solar panels globally. China is the largest market in the world for solar-powered energy usage. China is slowly deviating its path from conventional

non-renewable sources to renewable sources to cater to its population of about 1.4 billion, which would ultimately lower in import costs of crude oil, thus driving profits. Fibre Optics Telecommunications is considered the infrastructure for the fast-evolving 21st century into a digital future. Governments across the world are investing massive amounts in upgrading their network to cope with the increasing demand. The increasing usage of fiber optics telecommunications and the growing demand for solar energy in countries such as India, China, the United States, and Germany is expected to drive the demand for specialty glass in the forecasted years. Fiber optics telecommunications has been witnessing a surge in its usage due to its impressive high-speed connectivity, higher bandwidth, and its capability to deliver over long distances compared to the conventional broadband network. Fibre Optics Communications is a method to transmit information between two places by sending pulses of infrared light.

The global rubidium market is consolidated. Key players in the global market were found to be American Elements, Lithium Australia, LANHIT, Inorganic Ventures, and Montero Mining and Exploration, among others.

The Asia Pacific is expected to be the largest market for Rubidium in the forecast period. The Indian Government has introduced many reforms and policies, fueling its growth. India aims to connect over six lacs villages with an optical fiber network, to be completed in 1,000 days from 15th August 2020. The Government has also laid a foundation for a 2,312-kilometre Chennai-Andaman and Nicobar Islands (CANI) connecting submarine optical fiber cable project, which would provide high-speed connectivity at par with services in the mainland. Lakshadweep is also being connected to the high-speed infrastructure of the country. Policies like these are increasing the demand for specialty glass in fiber optics telecommunication, thus increasing the market volume of the rubidium market in the region. The North American region is expected to witness steady growth with the United States as the leader. In 2000, display and consumer firework industry revenue were estimated at USD 50.6 million and USD 102 million, whereas the display and consumer firework industry revenue in 2020 stood at USD 18.7 million and USD 385.5 million. This booming Pyrotechnic sector in the country is expected to drive the demand for Rubidium in the forecasted years. The United States has also been witnessing a rise in cases of Epilepsy and Thyroid disorders. With over 50 million Epilepsy cases globally, 1 in every 26 people in the United States has Epilepsy for a lifetime. As Rubidium is used to cure these diseases, the future market is expected to rise with the increasing cases. Rubidium is used in the vacuum tubes manufacturing process as a getter. A getter is the deposit of a radioactive material that completes and maintains vacuum inside a vacuum tube. Vacuum tubes are used extensively to amplify weak current, rectify an alternating current to direct

current, create images on a television screen, and generate oscillating radio-frequency (RF) power for radio and radar. Due to these numerous applications, the Rubidium market is expected to surge.

Bracco Diagnostics Inc., the U.S subsidiary of Bracco Imaging S.p.A., a leading global company in the diagnostic imaging business, announced on 16 October 2020 the FDA approval of its new CardioGen-82 infusion system to enhance automation, efficiency, and simplicity in cardiac position emission tomography (PET) myocardial perfusion imaging (MPI). This next-generation infusion system model will replace the company's current infusion system.

CARDIOGEN-82® (Rubidium Rb 82 Generator) is a closed system used to produce rubidium Rb 82 chloride injection for intravenous administration. Rubidium Rb 82 chloride injection is a radioactive diagnostic agent indicated for PET imaging of the myocardium under rest or pharmacologic stress conditions to evaluate regional myocardial perfusion in adult patients with suspected or existing coronary artery disease.

Global Rubidium Market research report provides deep insights into the current and future state of the rubidium market across various regions. The study comprehensively analyzes the rubidium market by segmenting based on Product Type (Rubidium Chloride, Rubidium Hydroxide, Rubidium Carbonate, Rubidium Copper Sulfate, Rubidium Silver Iodide, Rubidium Nitrate, and Others), Commercial Source (Lepidolite, Pollucite, and Others), Application (Specialty Glass, Electronics, Biomedical Research, Pyrotechnics, and Others), and Geography (North America, Europe, Asia-Pacific, South America, and Middle-East and Africa). The report examines the market drivers and restraints, along with the impact of Covid-19 on the market's growth, in detail. The study covers & includes emerging market trend, market dynamics, market segmentation, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with profiles of major companies, including their market shares and projects.

## Contents

### 1. Executive Summary

### 2. Research Scope and Methodology

- 2.1 Aim & Objective of the study
- 2.2 Market Definition
- 2.3 Study Information
- 2.4 General Study Assumptions
- 2.5 Research Phases

### 3. Market Analysis

- 3.1 Introduction
- 3.2 Market Dynamics
  - 3.2.1 Drivers
  - 3.2.2 Restraints
- 3.3 Market Trends & Developments
- 3.4 Market Opportunities
- 3.5 Feedstock Analysis
- 3.6 Regulatory Policies
- 3.7 Analysis of Covid-19 Impact

### 4. Industry Analysis

- 4.1 Supply Chain Analysis
- 4.2 Porter's Five Forces Analysis
  - 4.2.1 Competition in the Industry
  - 4.2.2 Potential of New Entrants into the Industry
  - 4.2.3 Bargaining Power of Suppliers
  - 4.2.4 Bargaining Power of Consumers
  - 4.2.5 Threat of substitute products

### 5. Market Segmentation & Forecast

#### 5.1 By Product Type

##### 5.1.1

Rubidium Chloride

##### 5.1.2 Rubidium Hydroxide

##### 5.1.3 Rubidium Carbonate

##### 5.1.4 Rubidium Copper Sulfate

5.1.5 Rubidium Silver Iodide

5.1.6 Rubidium Nitrate

5.1.7 Others

5.2 By Commercial Source

5.2.1

Lepidolite

5.2.2 Pollucite

5.2.3 Others

5.3 By Application

5.3.1 Specialty Glass

5.3.2 Electronics

5.3.3 Biomedical Research

5.3.4 Pyrotechnics

5.3.5 Others

## **Regional Market Analysis**

6.1

North America

6.1.1 United States of America

6.1.2 Canada

6.1.3 Mexico

6.2

Europe

6.2.1 Germany

6.2.2 UK

6.2.3 France

6.2.4 Italy

6.2.5 Rest of Europe

6.3

Asia-Pacific

6.3.1 China

6.3.2 Japan

6.3.3 South Korea

6.3.4 India

6.3.5 ASEAN countries

6.3.6 Rest of Asia-Pacific

6.4

South America

6.4.1 Brazil

- 6.4.2 Argentina
- 6.4.3 Rest of South America
- 6.5
- Middle East & Africa
- 6.5.1 Saudi Arabia
- 6.5.2 South Africa
- 6.5.3 Rest
- Middle East & Africa

## **Company Profiles**

- osemi
- ectratime
- erican
- 
- HIT
- quency Electronics
- ngdu Spaceon Electronics
- uBeat
- elitas Technologies
- SIC
- ntero
- Exploration
- hium
- 
- anford Research Systems
- D
- rganic
- 
- PI

*es is not exhaustive*

## **Competitive Landscape**

- of Notable Players in the Market
- A, JV, and Agreements
- Market Share Analysis

Strategies of Key Players

Conclusions and Recommendations

## List Of Tables

### LIST OF TABLES

Global Rubidium Market, in USD Million, 2016-2026  
Metals - Rubidium Market, in USD Million, 2016-2026  
Rubidium Chloride - Rubidium Market, in USD Million, 2016-2026  
Rubidium Hydroxide - Rubidium Market, in USD Million, 2016-2026  
Rubidium Carbonate - Rubidium Market, in USD Million, 2016-2026  
Rubidium Copper Sulfate - Rubidium Market, in USD Million, 2016-2026  
Rubidium Silver Iodide - Rubidium Market, in USD Million, 2016-2026  
Lepidolite - Rubidium Market, in USD Million, 2016-2026  
Pollucite - Rubidium Market, in USD Million, 2016-2026  
Specialty Glass - Rubidium Market, in USD Million, 2016-2026  
Electronics - Rubidium Market, in USD Million, 2016-2026  
Biomedical Research - Rubidium Market, in USD Million, 2016-2026  
Pyrotechnics - Rubidium Market, in USD Million, 2016-2026  
Other End-User Industries - Rubidium Market, in USD Million, 2016-2026  
North America - Rubidium Market, in USD Million, 2016-2026  
Europe - Rubidium Market, in USD Million, 2016-2026  
Asia-Pacific - Rubidium Market, in USD Million, 2016-2026  
South America - Rubidium Market, in USD Million, 2016-2026  
Middle East & Africa - Rubidium Market, in USD Million, 2016-2026  
Rubidium - Market Share of Key Companies in 2020  
Other Supporting Charts  
Solar PV Cell Market Growth Data, 2013-2020  
Telecommunication Industry Growth Data, 2013-2020



## I would like to order

Product name: Global Rubidium Market Outlook to 2027

Product link: <https://marketpublishers.com/r/G60B64CC3C5CEN.html>

Price: US\$ 4,490.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G60B64CC3C5CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970