

# **Global Explosives and Pyrotechnics Market Size Study, by Explosives Product (Blasting Agents, Propellants, Pyrotechnics, and Others), by Explosives Application (Mining, Construction, Military, and Others), by Pyrotechnics Application (Proximate Pyrotechnics, Consumer Pyrotechnics, Display Pyrotechnics, and Others), and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Explosives and Pyrotechnics Market is valued approximately at USD 18.2 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 4.20% over the forecast period 2024-2032. Explosives and pyrotechnics serve as indispensable tools across a range of industries, from mining and construction to defense and entertainment. These substances, designed to release energy in a controlled manner, facilitate tasks such as mineral extraction, demolition, military applications, and captivating displays in celebrations. The evolving demands of various end-use industries, coupled with technological advancements in production and application techniques, have propelled the market forward. Furthermore, the increasing preference for safety and precision in explosive applications underscores the significant role of innovation in shaping the industry's trajectory.

The market is primarily driven by the rising demand for efficient mining and construction operations, wherein blasting agents and propellants are vital. The growing investments in infrastructure development worldwide, coupled with military modernization programs, have amplified the utilization of explosives and pyrotechnics. For instance, substantial initiatives in emerging economies to enhance urban infrastructure and extract natural

resources have catalyzed the demand for advanced explosives solutions. Simultaneously, the entertainment industry's increasing adoption of pyrotechnics for events, concerts, and celebrations has augmented the market's scope. However, stringent regulatory frameworks governing the handling and use of these materials, along with environmental concerns related to their production and disposal, could hinder market growth during the forecast period.

Regionally, North America has emerged as a dominant player in the global explosives and pyrotechnics market, owing to its well-established defense sector and robust construction activities. The region's focus on technological innovations, alongside significant investments in mining operations, further bolsters its market share. On the other hand, the Asia Pacific region is poised to witness the fastest growth rate over the forecast period, driven by rapid industrialization, extensive mining activities, and a burgeoning entertainment sector. Countries like China and India are spearheading regional growth due to their expansive infrastructure projects and rising consumer spending on entertainment.

Major market players included in this report are:

3D Systems Corporation

Cyfuse Biomedical K.K

Desktop Metal, Inc.

Medprin Biotech GmbH

Advanced Solutions, Inc.

Organovo Holdings, Inc.

CollPlant Biotechnologies Ltd

REGEMAT 3D S.L

The Bio Convergence Company

Shining 3D

Pyro Spectaculars Inc.

ENAEX S.A.

Orica Limited

Austin Powder Company

Dyno Nobel

The detailed segments and sub-segment of the market are explained below:

By Explosives Product:

Blasting Agents

Propellants

Pyrotechnics

Others

By Explosives Application:

Mining

Construction

Military

Others

By Pyrotechnics Application:

Proximate Pyrotechnics

Consumer Pyrotechnics

Display Pyrotechnics

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year: 2022

Base year: 2023

Forecast period: 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand-side and supply-side analysis of the market.

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