

Global Inorganic Scintillators Production, Demand and Key Producers, 2022-2028

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Abstracts

Inorganic Scintillators are crystals grown in high temperature furnaces and are made of Alkali Halides (i.e., NaI, CsI) or Oxides (i.e., BGO), etc. They have scintillation properties by virtue of their crystalline structure. This structure creates the energy bands between which electrons can jump up to higher energy levels by excitation through ionizing radiation or down to lower energy levels by de-excitation through the emission of (visible) photons. The result is known as the scintillation effect. Some crystals need activators to enable scintillation emission in the visible part of the spectrum. An example of such an activator is Thallium (Tl), which is used in the best known and most frequently used Inorganic Scintillator: NaI(Tl).

This report studies the global Inorganic Scintillators production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Inorganic Scintillators, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of Inorganic Scintillators that contribute to its increasing demand across many markets.

The global Inorganic Scintillators market size is expected to reach \$ 361.5 million by 2028, rising at a market growth of 4.0% CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global Inorganic Scintillators total production and demand, 2017-2028, (dm?)

Global Inorganic Scintillators total production value, 2017-2028, (USD Million)

Global Inorganic Scintillators production by region & country, production, value, CAGR, 2017-2028, (USD Million) & (dm?)

Global Inorganic Scintillators consumption by region & country, CAGR, 2017-2028 & (dm?)

U.S. VS China: Inorganic Scintillators domestic production, consumption, key domestic manufacturers and share

Global Inorganic Scintillators production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (dm?)

Global Inorganic Scintillators production by Type, production, value, CAGR, 2017-2028, (USD Million) & (dm?)

Global Inorganic Scintillators production by Application production, value, CAGR, 2017-2028, (USD Million) & (dm?)

This reports profiles key players in the global Inorganic Scintillators market based on the following parameters – headquarters, production locations, products portfolio, Inorganic Scintillators revenue, sales, average price and gross margin, recent developments.

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 Inorganic Scintillators market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (dm?) and average price (US\$/cm?) by manufacturer, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

Global Inorganic Scintillators Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Global Inorganic Scintillators Market, Segmentation by Type

Alkali-halide Crystals

Oxyde-based Crystals

Others

Global Inorganic Scintillators Market, Segmentation by Application

Radiation Detection

Medical Imaging

Others

Companies Profiled:

Hamamatsu Photonics

Hitachi Metals

Saint-Gobain Crystals

Dynasil

Toshiba Materials

Shanghai SICCAS

Crytur

Beijing Opto-Electronics

Scionix

Nuvia

Rexon Components

EPIC Crystal

Shanghai EBO

Beijing Scitlion Technology

Key Questions Answered

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

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