

Global LiTaO3 Crystal Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global LiTaO3 Crystal market size was valued at US\$ 385 million in 2024 and is forecast to a readjusted size of USD 473 million by 2031 with a CAGR of 3.0% during review period.

LiTaO3 Crystal is typical multifunction crystal material, with NLO and E-O properties similar to those of LiNbO3 but higher damage threshold (>500 MW/cm for ns pulsed), widely used in surface acoustic wave filters, interdigital transducers, optical modulators, electro-optical switches, pyroelectric IR detectors, etc.

Shin-Etsu, Sumitomo Metal Mining and Koike are the top 3 of global LiTaO3 Crystal, with about 73% market shares.

This report is a detailed and comprehensive analysis for global LiTaO3 Crystal market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global LiTaO3 Crystal market size and forecasts, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (K USD/Pcs), 2020-2031

Global LiTaO3 Crystal market size and forecasts by region and country, in consumption

value (\$ Million), sales quantity (K Pcs), and average selling prices (K USD/Pcs), 2020-2031

Global LiTaO₃ Crystal market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (K USD/Pcs), 2020-2031

Global LiTaO₃ Crystal market shares of main players, shipments in revenue (\$ Million), sales quantity (K Pcs), and ASP (K USD/Pcs), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for LiTaO₃ Crystal

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global LiTaO₃ Crystal market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Shin-Etsu, Sumitomo Metal Mining, Koike, CETC, Crystalwise, DE&JS, CASTECH, WUZE, Sawyer Technical Materials LLC, SIOM, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

LiTaO₃ Crystal market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

White LiTaO3

Black LiTaO3

Market segment by Application

Surface Acoustic Wave

Electro-Optical

Piezoelectric

Pyroelectric

Other

Major players covered

Shin-Etsu

Sumitomo Metal Mining

Koike

CETC

Crystalwise

DE&JS

CASTECH

WUZE

Sawyer Technical Materials LLC

SIOM

Tera XTAL

Nihon Exceed Corporation

OTIC

Union Optic

KAIJING OPTICS

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe LiTaO₃ Crystal product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of LiTaO₃ Crystal, with price, sales quantity, revenue, and global market share of LiTaO₃ Crystal from 2020 to 2025.

Chapter 3, the LiTaO₃ Crystal competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the LiTaO₃ Crystal breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and LiTaO₃ Crystal market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of LiTaO₃ Crystal.

Chapter 14 and 15, to describe LiTaO₃ Crystal sales channel, distributors, customers, research findings and conclusion.

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