

# Global Monocrystalline Transparent Ceramics Market 2017 Share, Trend, Segmentation and Forecast to 2023

*Global Monocrystalline Transparent Ceramics market is expected to grow from \$1.80 million in 2016 to reach \$6.62 million by 2023 with a CAGR of 20.3%*

PUNE, INDIA, September 7, 2017 /EINPresswire.com/ --

## Summary

According to Statistics MRC, the Global [Monocrystalline Transparent Ceramics](#) market is expected to grow from \$1.80 million in 2016 to reach \$6.62 million by 2023 with a CAGR of 20.3%. Some of the factors propelling the market growth are increasing expenditure by the defence sector on improvement of advanced materials and technologies and growing preference of monocrystalline transparent ceramics over traditional materials as they are less expensive. Expensive cost involved in the production of raw materials is one of the major factors restraining the market growth.

Based on the material type, sapphire material segment leads the market globally as this material is used as a substrate in various applications. On the other hand, in application segment the demand for Optics & optoelectronics is growing rapidly as Optoelectronic components makes use of transparent ceramic materials as a substrate which is used in many electronic components. Asia Pacific leads the market globally due to the advancements in technologies and increase in defence expenditure.

Request a Sample Report @ <https://www.wiseguyreports.com/sample-request/1631204-monocrystalline-transparent-ceramics-global-market-outlook-2017-2023>

Some of the key players in Global Monocrystalline Transparent Ceramics Market include Ceranova Corporation, Bright Crystals Technology Inc, II-VI Incorporated, Murata Manufacturing Co, Ltd, Surmet Corporation, Konoshima Chemicals Co, Ltd, Coorstek Inc, Cilas, Ceramtec Etec and Konoshima Chemicals Co, Ltd.

## Applications Covered:

- Health Care
- Optics & Optoelectronics
- Aerospace
- Defence & Security
- Other Applications

## Material Types Covered:

- Aluminum Oxynitride
- Sapphire
- Yttria (Y2O3)
- Yttrium Aluminum Garnet (YAG)

## Regions Covered:

- North America
  - o US
  - o Canada
  - o Mexico
- Europe
  - o Germany
  - o France
  - o Italy
  - o UK
  - o Spain
  - o Rest of Europe
- Asia Pacific
  - o Japan
  - o China
  - o India
  - o Australia
  - o New Zealand
  - o Rest of Asia Pacific
- Rest of the World
  - o Middle East
  - o Brazil
  - o Argentina
  - o South Africa
  - o Egypt

What our report offers:

- Market share assessments for the regional and country level segments
- Market share analysis of the top industry players
- Strategic recommendations for the new entrants
- Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments

At any Query @ <https://www.wiseguyreports.com/enquiry/1631204-monocrystalline-transparent-ceramics-global-market-outlook-2017-2023>

## Table of Contents

- 1 Executive Summary
- 2 Preface
  - 2.1 Abstract
  - 2.2 Stake Holders
  - 2.3 Research Scope
  - 2.4 Research Methodology
    - 2.4.1 Data Mining
    - 2.4.2 Data Analysis
    - 2.4.3 Data Validation
    - 2.4.4 Research Approach
  - 2.5 Research Sources
    - 2.5.1 Primary Research Sources
    - 2.5.2 Secondary Research Sources
    - 2.5.3 Assumptions

### 3 Market Trend Analysis

#### 3.1 Introduction

#### 3.2 Drivers

#### 3.3 Restraints

#### 3.4 Opportunities

#### 3.5 Threats

#### 3.6 Application Analysis

#### 3.7 Emerging Markets

#### 3.8 Futuristic Market Scenario

### 4 Porters Five Force Analysis

#### 4.1 Bargaining power of suppliers

#### 4.2 Bargaining power of buyers

#### 4.3 Threat of substitutes

#### 4.4 Threat of new entrants

#### 4.5 Competitive rivalry

### 5 Global Monocrystalline Transparent Ceramics Market, By Application

#### 5.1 Introduction

#### 5.2 Health Care

#### 5.3 Optics & Optoelectronics

#### 5.4 Aerospace

#### 5.5 Defence & Security

#### 5.6 Other Applications

### 6 Global Monocrystalline Transparent Ceramics Market, By Material Type

#### 6.1 Introduction

#### 6.2 Aluminum Oxynitride

#### 6.3 Sapphire

#### 6.4 Yttria (Y<sub>2</sub>O<sub>3</sub>)

#### 6.5 Yttrium Aluminum Garnet(YAG)

### 7 Global Monocrystalline Transparent Ceramics Market, By Geography

#### 7.1 North America

##### 7.1.1 US

##### 7.1.2 Canada

##### 7.1.3 Mexico

#### 7.2 Europe

##### 7.2.1 Germany

##### 7.2.2 France

##### 7.2.3 Italy

##### 7.2.4 UK

##### 7.2.5 Spain

##### 7.2.6 Rest of Europe

#### 7.3 Asia Pacific

##### 7.3.1 Japan

##### 7.3.2 China

##### 7.3.3 India

##### 7.3.4 Australia

##### 7.3.5 New Zealand

##### 7.3.6 Rest of Asia Pacific

#### 7.4 Rest of the World

##### 7.4.1 Middle East

##### 7.4.2 Brazil

##### 7.4.3 Argentina

7.4.4 South Africa

7.4.5 Egypt

8 Key Developments

8.1 Agreements, Partnerships, Collaborations and Joint Ventures

8.2 Acquisitions & Mergers

8.3 New Product Launch

8.4 Expansions

8.5 Other Key Strategies

9 Company Profiling

9.1 Ceranova Corporation

9.2 Bright Crystals Technology Inc

9.3 II-VI Incorporated

9.4 Murata Manufacturing Co, Ltd

9.5 Surmet Corporation

9.6 Konoshima Chemicals Co, Ltd

9.7 Coorstek Inc

9.8 Cilas

9.9 Ceramtec Etec

9.10 Konoshima Chemicals Co, Ltd

Buy Now @ [https://www.wiseguyreports.com/checkout?currency=one\\_user-USD&report\\_id=1631204](https://www.wiseguyreports.com/checkout?currency=one_user-USD&report_id=1631204)

Continued....

NORAH TRENT

Wise Guy Reports

+91 841 198 5042

[email us here](#)

---

This press release can be viewed online at: <http://www.einpresswire.com>

Disclaimer: If you have any questions regarding information in this press release please contact the company listed in the press release. Please do not contact EIN Presswire. We will be unable to assist you with your inquiry. EIN Presswire disclaims any content contained in these releases. © 1995-2020 IPD Group, Inc. All Right Reserved.