

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Transparent Ceramics Market 2018, Forecast to 2023

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Abstracts

Transparent ceramics, a new class of advanced functional materials, find diverse applications in strategic and civilian sectors owing to its unique combination of mechanical and transmission properties. Technological advancements in ceramic powder synthesis, shaping and sintering have made it possible to tailor the microstructural, mechanical and optical property relationships in case of advanced transparent ceramic materials. Transparent ceramic materials are classified broadly as visible, mid wave and long wave infrared regions. The transparent ceramic systems, which are explored currently, include ALON Transparent Ceramics, Sapphire Transparent Ceramics, Yttria Transparent Ceramics, Spinel Transparent Ceramics, YAG transparent ceramics and so on.

SCOPE OF THE REPORT:

This report focuses on the Transparent Ceramics in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Transparent ceramics are proving to be a promising alternative to traditional glass technologies and single-crystal technologies in various diverse application fields such as high-energy radiation detection, infrared domes, lasers, optical fibers, and armors. U.S. was the largest market for transparent ceramics market globally, with a share exceeding 58% in 2016. Growing use of the product owing to its superior characteristics has been fueling growth of the market in this region.

A critical factor for growth in Asia region is availability of raw materials at lower prices coupled with the presence of large number of suppliers and producers. China is anticipated to lead growth of the Asia Pacific market over the next six years.

The worldwide market for Transparent Ceramics is expected to grow at a CAGR of roughly 18.5% over the next five years, will reach 730 million US\$ in 2023, from 260 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

CoorsTek

CeramTec ETEC

Surmet Corporation

II-VI Optical Systems

Konoshima Chemicals

CeraNova

Bright Crystals Technology

Shanghai SICCAS

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

ALON Transparent Ceramics

Sapphire Transparent Ceramics

Yttria Transparent Ceramics

Spinel Transparent Ceramics

YAG Transparent Ceramics

Other

Market Segment by Applications, can be divided into

Transparent Armor

Domes and Windows

Sensors & Instrumentation

Other (Lighting, Lens, etc)

There are 15 Chapters to deeply display the global Transparent Ceramics market.

Chapter 1, to describe Transparent Ceramics Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Transparent Ceramics, with sales, revenue, and price of Transparent Ceramics, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Transparent Ceramics, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Transparent Ceramics Marke...

by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Transparent Ceramics market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Transparent Ceramics sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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