Transparent Ceramics Market by Type, Material, End-User Industry and Region - Global Forecasts to 2021

Description: “The transparent ceramics market is driven by the increasing defense expenditure on advanced material and technologies”

The transparent ceramics market is projected to reach USD 673.4 million by 2021, at a CAGR of 23.8% between 2016 and 2021. The market is driven by various end-user industries, such as optics & optoelectronics, aerospace, defense and security, and sensors & instrumentation, among others. Furthermore, factors such as low thermal expansion, superior properties over glass, metal and plastics, and increasing defense expenditure on advanced material and technologies are expected to drive the growth of the market in the coming years.

Optics & optoelectronics is the largest end-user industry

The use of transparent ceramics is increasing across end-user industry, such as optics & optoelectronics, aerospace, defense and security, and sensors & instrumentation, among others. With the growing demand for transparent ceramics in end-user industry, its consumption is consequently expected to rise between 2016 and 2021.

Asia-Pacific the largest geographical segment

Asia-Pacific is the global leader in the consumption of transparent ceramics, and is expected to dominate the market in the coming years. China, Japan, and India are the key countries in this region. The Asia-Pacific market is also expected to grow at the highest CAGR from 2016 to 2021.

Break-up of profile of primary participants for the report:

- By Company Type - Tier 1 - 40%, Tier 2 - 25% and Tier 3 - 35%
- By Designation - C-level - 35%, Director-Level - 40%, Others - 25%
- By Region - North America - 40%, Europe - 30%, Asia-Pacific - 20%, RoW - 10%

This study estimates the market value for transparent ceramics during the forecast period (2016 to 2021). The major countries considered in the report are China, Japan, India, Germany, France, Italy, Canada, Mexico, and the U.S., Brazil, and Chile. The market transparent ceramics market has been further classified on basis of type and material.

Further, the report provides a comprehensive review of major market drivers, restraints, opportunities, and challenges. It also discusses competitive strategies adopted by different market players, such as Bright Crystals Technology (China), CeramTec ETEC (Germany), CoorsTek (U.S.), Konoshima Chemicals Ltd. (Japan), Surmet Corporation (U.S.), Schott AG (Germany), and Murata Manufacturing Co. Ltd. (Japan) among others.

Reasons to buy this report:

This report covers the following key aspects:

- What will be the market size by 2021 and what will be the growth rate
- What are the key market trends
- What are the factors driving the growth of this market
- What are the challenges that impact market growth
- Who are the key players in this market

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