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

Contents:

1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Market Scope
1.3.1 Markets Covered
1.3.2 Years Considered for the Study
1.4 Currency
1.5 Stakeholders

2 Research Methodology
2.1 Research Data
  2.1.1 Key Data From Secondary Sources
  2.1.2 Key Data From Primary Sources
    2.1.2.1 Key Industry Insights
    2.1.2.2 Breakdown of Primary Interviews
  2.2 Market Size Estimation
  2.3 Data Triangulation
  2.4 Research Assumptions and Limitations
    2.4.1 Assumptions
    2.4.2 Limitations

3 Executive Summary

4 Premium Insights
  4.1 Attractive Opportunities
  4.2 Transparent Ceramics Market: By Material
  4.3 Transparent Ceramics Market Share, By End-User Industry and Region
  4.4 Transparent Ceramics Market Growth Rate, By Region
  4.5 Transparent Ceramics Market: Developed & Developing Nations
  4.6 Market, By End-User Industry
  4.7 Life Cycle Analysis, By Region

5 Market Overview
  5.1 Introduction
  5.2 Evolution of Transparent Ceramics
  5.3 Market Segmentation
  5.4 Market Dynamics
    5.4.1 Drivers
      5.4.1.1 Substitute to Glass, Metal, and Plastics
      5.4.1.2 Increasing Defense Expenditure on Advance Material and Technologies
      5.4.1.3 Low Thermal Expansion
    5.4.2 Restraints
      5.4.2.1 High Cost of Transparent Ceramics
    5.4.3 Opportunities
      5.4.3.1 Advancements in Nanotechnology
      5.4.3.2 Increased Demand in Niche Applications
    5.4.4 Challenges
      5.4.4.1 Transparent Ceramics are Non-Recyclable and Non-Repairable
  5.5 Burning Issue
    5.5.1 High Cost of End Products

6 Industry Trends
  6.1 Introduction
  6.2 Value Chain Analysis
    6.2.1 Raw Material Suppliers
    6.2.2 Transparent Ceramics Product Type
    6.2.3 Transparent Ceramics Manufacturers/Formulators
    6.2.4 Transparent Ceramics Suppliers/Distributors
    6.2.5 End-User Industries
  6.3 Porter's Five Forces Analysis
    6.3.1 Threat of New Entrants
    6.3.2 Threat of Substitutes
    6.3.3 Bargaining Power of Suppliers
    6.3.4 Bargaining Power of Buyers
    6.3.5 Intensity of Competitive Rivalry

7 Transparent Ceramics Market, By Type
7.1 Introduction
7.2 Transparent Ceramics Market, By Type
7.3 Monocrystalline Transparent Ceramics
7.4 Polycrystalline Transparent Ceramics
7.5 Other Transparent Ceramics

8 Market, By Material
8.1 Introduction
8.2 Sapphire
8.3 Yttrium Aluminum Garnet (YAG)
8.4 Aluminum Oxynitride
8.5 Spinel
8.6 Other Materials

9 Transparent Ceramics Market, By End-User Industry
9.1 Introduction
9.2 Optics & Optoelectronics
9.3 Aerospace, Defense & Security
9.4 Mechanical/Chemical
9.5 Sensors & Instrumentation
9.6 Healthcare
9.7 Consumer
9.8 Energy
9.9 Other

10 Regional Analysis
10.1 Introduction
10.2 Asia-Pacific
   10.2.1 China
   10.2.2 Japan
   10.2.3 India
   10.2.4 Rest of Asia-Pacific
10.3 North America
   10.3.1 U.S.
   10.3.2 Canada
   10.3.3 Mexico
10.4 Europe
   10.4.1 Germany
   10.4.2 France
   10.4.3 Italy
   10.4.4 Rest of Europe
10.5 South America
   10.5.1 Brazil
   10.5.2 Chile
   10.5.3 Rest of South America
10.6 RoW
   10.6.1 Middle East
   10.6.2 Others

11 Competitive Landscape
11.1 Overview
11.2 Competitive Situations and Trends
11.3 New Product Developments
11.4 Acquisitions
11.5 Expansions
11.6 New Technology Developments

12 Company Profiles
(Overview, Financial - , Products & Services, Strategy, and Developments)
12.1 Introduction
12.2 Brightcrystals Technology Inc.
12.3 Ceramtec ETEC
12.4 Coorstek Inc.
12.5 Konoshima Chemicals Co., Ltd.
12.6 Surmet Corporation
12.7 Schott AG
12.8 Murata Manufacturing Co. Ltd.
12.9 Ceranova Corporation
12.10 Cilas
12.11 II-VI Optical Systems
12.12 Other Key Players Operating in Global Transparent Ceramics Market

- Details Might Not Be Captured in Case of Unlisted Companies.

13 Appendix
13.1 Discussion Guide

List of Tables

Table 1 The Transparent Ceramics Market Expected to Witness High Growth Between 2016 & 2021
Table 2 Transparent Ceramics Market, By Type
Table 3 Market, By Material
Table 4 Market, By End-User Industry
Table 5 Transparent Ceramics Market Size, By Type, 2014-2021 (USD Million)
Table 6 Monocrystalline Transparent Ceramics Market Size, By Region, 2014-2021 (USD Million)
Table 7 Polycrystalline Transparent Ceramics Market Size, By Region, 2014-2021 (USD Million)
Table 8 Other Transparent Ceramic Types Market Size, By Region, 2014-2021 (USD Million)
Table 9 Transparent Ceramics Market Size, By Material, 2014-2021 (USD Million)
Table 10 Sapphire Transparent Ceramics Market, By Region, 2014-2021 (USD Million)
Table 11 Yttrium Aluminum Garnet Transparent Ceramics Market, By Region, 2014-2021 (USD Million)
Table 12 Aluminum Oxynitride Transparent Ceramics Market, By Region, 2014-2021 (USD Million)
Table 13 Spinel Transparent Ceramics Market, By Region, 2014-2021 (USD Million)
Table 14 Other Transparent Ceramic Materials Market, By Region, 2014-2021 (USD Million)
Table 15 Transparent Ceramics Market Size, By End-User Industry, 2014-2021 (USD Million)
Table 16 Market in Optics & Optoelectronics, By Region, 2014-2021 (USD Million)
Table 17 Market Size in Aerospace, Defense & Security, By Region, 2014-2021 (USD Million)
Table 18 Market in Mechanical/Chemical, By Region, 2014-2021 (USD Million)
Table 19 Market in Sensors & Instrumentation, By Region, 2014-2021 (USD Million)
Table 20 Market in Healthcare, By Region, 2014-2021 (USD Million)
Table 21 Market in Consumer, By Region, 2014-2021 (USD Million)
Table 22 Market in Energy, By Region, 2014-2021 (USD Million)
Table 23 Market in Other End-User Industries, By Region, 2014-2021 (USD Million)
Table 24 Transparent Ceramics Market, By Country, 2014-2021 (USD Million)
Table 25 Asia-Pacific: Transparent Ceramics Market, By Country, 2014-2021 (USD Million)
Table 26 Asia-Pacific: Market, By End-User Industry, 2014-2021 (USD Million)
Table 27 Asia-Pacific: Market, By Material, 2014-2021 (USD Million)
Table 28 Asia-Pacific: Market, By Type, 2014-2021 (USD Million)
Table 29 China: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 30 China: Market, By Material, 2014-2021 (USD Million)
Table 31 China: Market, By Type, 2014-2021 (USD Million)
Table 32 Japan: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 33 Japan: Market, By Material, 2014-2021 (USD Million)
Table 34 Japan: Market, By Type, 2014-2021 (USD Million)
Table 35 India: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 36 India: Market, By Material, 2014-2021 (USD Million)
Table 37 India: Market, By Type, 2014-2021 (USD Million)
Table 38 Rest of Asia-Pacific: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 39 Rest of Asia-Pacific: Market, By Material, 2014-2021 (USD Million)
Table 40 Rest of Asia-Pacific: Market, By Type, 2014-2021 (USD Million)
Table 41 North America: Transparent Ceramics Market, By Country, 2014-2021 (USD Million)
Table 42 North America: Market, By End-User Industry, 2014-2021 (USD Million)
Table 43 North America: Market, By Material, 2014-2021 (USD Million)
Table 44 North America: Market, By Type, 2014-2021 (USD Million)
Table 45 U.S.: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 46 U.S.: Market, By Material, 2014-2021 (USD Million)
Table 47 U.S.: Market, By Type, 2014-2021 (USD Million)
Table 48 Canada: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 49 Canada: Market, By Material, 2014-2021 (USD Million)
Table 50 Canada: Market, By Type, 2014-2021 (USD Million)
Table 51 Mexico: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 52 Mexico: Market, By Material, 2014-2021 (USD Million)
Table 53 Mexico: Market, By Type, 2014-2021 (USD Million)
Table 54 Europe: Transparent Ceramics Market, By Country, 2014-2021 (USD Million)
Table 55 Europe: Market, By End-User Industry, 2014-2021 (USD Million)
Table 56 Europe: Market, By Material, 2014-2021 (USD Million)
Table 57 Europe: Market, By Type, 2014-2021 (USD Million)
Table 58 Germany: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 59 Germany: Market, By Material, 2014-2021 (USD Million)
Table 60 Germany: Market, By Type, 2014-2021 (USD Million)
Table 61 France: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 62 France: Market, By Material, 2014-2021 (USD Million)
Table 63 France: Market, By Type, 2014-2021 (USD Million)
Table 64 Italy: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 65 Italy: Market, By Material, 2014-2021 (USD Million)
Table 66 Italy Market, By Type, 2014-2021 (USD Million)
Table 67 Rest of Europe: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 68 Rest of Europe: Market, By Material, 2014-2021 (USD Million)
Table 69 Rest of Europe: Market, By Type, 2014-2021 (USD Million)
Table 70 South America: Transparent Ceramics Market, By Country, 2014-2021 (USD Million)
Table 71 South America: Market, By End-User Industry, 2014-2021 (USD Million)
Table 72 South America: Market, By Material, 2014-2021 (USD Million)
Table 73 South America: Market, By Type, 2014-2021 (USD Million)
Table 74 Brazil: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 75 Brazil: Market, By Material, 2014-2021 (USD Million)
Table 76 Brazil: Market, By Type, 2014-2021 (USD Million)
Table 77 Chile: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 78 Chile: Market, By Material, 2014-2021 (USD Million)
Table 79 Chile: Market, By Type, 2014-2021 (USD Million)
Table 80 Rest of South America: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 81 Rest of South America: Market, By Material, 2014-2021 (USD Million)
Table 82 Rest of South America: Market, By Type, 2014-2021 (USD Million)
Table 83 RoW: Transparent Ceramics Market, By Country, 2014-2021 (USD Million)
Table 84 RoW: Market, By End-User Industry, 2014-2021 (USD Million)
Table 85 RoW: Market, By Material, 2014-2021 (USD Million)
Table 86 RoW: Market, By Type, 2014-2021 (USD Million)
Table 87 Middle East: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 88 Middle East: Market, By Material, 2014-2021 (USD Million)
Table 89 Middle East: Market, By Type, 2014-2021 (USD Million)
Table 90 Others: Transparent Ceramics Market, By End-User Industry, 2014-2021 (USD Million)
Table 91 Others: Market, By Material, 2014-2021 (USD Million)
Table 92 Others: Market, By Type, 2014-2021 (USD Million)
Table 93 New Product Developments, 2010-2015
Table 94 Acquisitions, 2010-2015
Table 95 Expansions, 2010-2015
Table 96 New Technology Developments

List of Figures

Figure 1 Transparent Ceramics: Research Design
Figure 2 Breakdown of Primary Interviews: By Company Type, Designation & Region
Figure 3 Bottom-Up Approach
Figure 4 Top-Down Approach
Figure 5 Research Methodology: Data Triangulation
Figure 6 The Optics & Optoelectronics Segment Projected to Witness Highest Growth During the Forecast Period
Figure 7 The Sapphire Segment Projected to Witness the Highest Growth During the Forecast Period
Figure 8 The Transparent Polycrystalline Transparent Ceramics Segment Projected to Witness the Highest Growth During the Forecast Period
Figure 9 Asia-Pacific Dominated the Transparent Ceramics Market With the Highest Share in 2015
Figure 10 The Transparent Ceramic Market Projected to Register High Growth Between 2016 & 2021
Figure 11 Sapphire is Projected to Be the Fastest-Growing Segment of the Market Between 2016 & 2021
Figure 12 The Optics & Optoelectronics Segment Accounted for the Largest Share of the Transparent Ceramics Market
Figure 13 The Market in China Expected to Grow at the Highest CAGR During the Forecast Period
Figure 14 Transparent Ceramic Market to Witness Significant Growth in Emerging Nations Between 2016 & 2021
Figure 15 Transparent Ceramics Market Share, By End-User Industry, 2015 (USD Million)
Figure 16 Asia-Pacific Expected to Witness Highest Growth in 2016
Figure 17 The Evolution of Transparent Ceramic Market
Figure 18 Drivers, Restraints, Opportunities, and Challenges in Transparent Ceramics Market
Figure 19 Transparent Ceramics: Value Chain Analysis
Figure 20 Porter's Five Forces Analysis
Figure 21 The Monocrystalline Transparent Ceramics Segment Expected to Dominate the Transparent Ceramic Market During the Forecast Period
Figure 22 Asia-Pacific Expected to Dominate the Monocrystalline Transparent Ceramics Market During the Forecast Period
Figure 23 Asia Pacific Expected to Dominate the Polycrystalline Transparent Ceramic Market During the Forecast Period
Figure 24 Asia-Pacific Expected to Be the Fastest-Growing Market for Other Transparent Ceramic Types
Figure 25 Market Share, By Material & Region, 2015 (USD Million)
Figure 26 Asia-Pacific Expected to Dominate the Sapphire Transparent Ceramics Market During the Forecast Period
Figure 27 Asia-Pacific Expected to Be the Fastest-Growing Yttrium Aluminium Garnet Transparent Ceramic Market During the Forecast Period
Figure 28 Aluminum Oxynitride Transparent Ceramics Market Expected to Witness High Growth in Asia-Pacific During the Forecast Period
Figure 29 Spinel Transparent Ceramic Market to Witness Significant Growth in Asia-Pacific During the Forecast Period
Figure 30 Asia-Pacific Expected to Dominate the Other Transparent Ceramic Materials Market During the Forecast Period
Figure 31 The Transparent Ceramics Market in Optics & Optoelectronics Expected to Grow Rapidly in the Next Five Years
Figure 32 Asia-Pacific Expected to Be the Fastest-Growing Market for Transparent Ceramics in Optics & Optoelectronics During the Forecast Period
Figure 33 Asia-Pacific Expected to Be the Fastest-Growing Market for Transparent Ceramic Market in Aerospace, Defence & Security During the Forecast Period
Figure 34 North America Expected to Be the Fastest-Growing Market for Transparent Ceramics in the Mechanical/Chemical End-User Industry
Figure 35 Asia-Pacific Expected to Be the Fastest-Growing Market for Transparent Ceramics in Sensors & Instrumentation During the Forecast Period
Figure 36 North America Expected to Be the Fastest-Growing Market for Transparent Ceramics in Healthcare During the Forecast Period
Figure 37 Asia-Pacific is the Fastest-Growing Market for Transparent Ceramics in Consumer
Figure 38 Europe Expected to Be the Fastest-Growing Market for Transparent Ceramics Market in Energy During the Forecast Period
Figure 39 North America Expected to Be the Fastest-Growing Market for Transparent Ceramics in Other End-User Industries During the Forecast Period
Figure 40 Regional Snapshot: China is Emerging as A Lucrative Market for Transparent Ceramics
Figure 41 The Transparent Ceramic Markets in Asia-Pacific and North America Expected to Witness High Growth During the Forecast Period
Figure 42 Asia-Pacific Transparent Ceramics Market Snapshot
Figure 43 North America Transparent Ceramic Market Snapshot
Figure 44 Europe Transparent Ceramics Market Snapshot
Figure 45 South America Transparent Ceramic Market Snapshot
Figure 46 South America Transparent Ceramics Market Snapshot
Figure 47 New Product Developments and Acquisitions: Key Growth Strategy Adopted By Companies, Between 2010 & 2015
Figure 48 Market Evaluation Framework: New Product Development & Acquisition Fuelled the Growth of the Transparent Ceramic Market, 2011-2015
Figure 49 Battle for Market Share: New Product Developments & Acquisitions Were the Key Growth Strategies Adopted By Major Players in the Market
<table>
<thead>
<tr>
<th>Figure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>Benchmarking of Top 3 Players</td>
</tr>
<tr>
<td>51</td>
<td>SWOT Analysis: Brightcrystals Technology Inc.</td>
</tr>
<tr>
<td>52</td>
<td>SWOT Analysis: Ceramtec ETEC: Business Overview</td>
</tr>
<tr>
<td>53</td>
<td>SWOT Analysis: Ceramtec ETEC</td>
</tr>
<tr>
<td>54</td>
<td>SWOT Analysis: Coorstek Inc.</td>
</tr>
<tr>
<td>55</td>
<td>SWOT Analysis: Konoshima Chemicals Co., Ltd.: Company Snapshot</td>
</tr>
<tr>
<td>56</td>
<td>SWOT Analysis: Surmet Corporation</td>
</tr>
<tr>
<td>57</td>
<td>SWOT Analysis: Coorstek Inc.</td>
</tr>
<tr>
<td>58</td>
<td>SWOT Analysis: Schott AG</td>
</tr>
<tr>
<td>59</td>
<td>SWOT Analysis: Schott AG</td>
</tr>
<tr>
<td>60</td>
<td>SWOT Analysis: Murata Manufacturing Co. Ltd.</td>
</tr>
<tr>
<td>61</td>
<td>SWOT Analysis: Murata Manufacturing Co. Ltd.</td>
</tr>
<tr>
<td>62</td>
<td>SWOT Analysis: Murata Manufacturing Co. Ltd.</td>
</tr>
</tbody>
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