

Transparent Ceramics Market to Reach \$789.69 million with 23.8% CAGR Forecast to 2022

Transparent Ceramics World Market Segmentation and Major Players Analysis 2022

PUNE, INDIA, September 22, 2016 /EINPresswire.com/ -- According to Researcher, the Global [Transparent Ceramics](#) market accounted for \$177.05 million in 2015 and is expected to grow at a CAGR of 23.8% reaching \$789.69 million by 2022. The recent technological advancements in this sector has extended its materials that are not only transparent to electromagnetic waves in the visible

spectrum but also by infrared and ultraviolet light. Communication networks, Lasers & cutting tools, Homeland security Defence, Advanced optics and Ornaments are some of the major applications of transparent ceramics, which are favoring the market growth. This technology is a promising alternative to traditional glass technologies and single-crystal technologies in various diverse application fields, which holds a major opportunity in the market.

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Optics and optoelectronics segment is estimated to be the fastest growing segment owing to its various uses in lamps, Complementary Metal Oxide Semiconductors, Charge-coupled Devices, image sensors, displays, couplers and laser transmitter. Moreover, polycrystalline transparent ceramics is vigorously growing segment due to increase of applications in new and emerging applications, such as biomaterials, thermography and temperature IR sensors. Asia pacific is expected to be the fastest growing region in reaction to the reduced raw material prices and presence of major transparent ceramics suppliers & manufacturers who have ability to cater to the rising demand.

Some of the key players in transparent ceramics market include Brightcrystals Technology Inc., Ceramtec ETEC, Ceranova Corporation, Cilas, Coorstek Inc, General Electric, IBD deisenroth engineering, II-VI Optical Systems, Koito manufacturing, Konoshima Chemicals Co. Ltd., Murata Manufacturing Co. Ltd., Optocity, Schott AG and Surmet Corporation.

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Technologies Covered:

- Polycrystalline Transparent Ceramics
- Monocrystalline Transparent Ceramics
- Other Transparent Ceramics

End-Users Covered:

- Aerospace, Defense & Security
- Consumer
- Energy
- Healthcare



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- Mechanical/Chemical
- Optics & Optoelectronics
- Sensors & Instrumentation
- Other End-Users

Materials Covered:

- Aluminium oxynitride
- Sapphire
- Spinel
- Yttrium aluminium garnet
- Other Materials

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
- Supply chain trends mapping the latest technological advancements

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Norah Trent

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+1 646 845 9349 / +44 208 133 9349

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