

Asia Pacific Automotive Ceramics Market By Application (Passenger Vehicles and Commercial Vehicles), By Material (Alumina, Zirconia and Other Material), By Country, Industry Analysis and Forecast, 2020 - 2026

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Abstracts

The Asia Pacific Automotive Ceramics Market would witness market growth of 9.6% CAGR during the forecast period (2020-2026).

Governments in various countries maintain that stringent environmental regulations come into effect to reduce air emissions. Carmakers around the world are under strain to increase the weight of the cars produced to increase fuel efficiency. This is expected to increase demand for lightweight products such as aluminum, ceramics, and plastics.

The Indian government recently introduced pollution requirements for BS-VI, which adhere to European standards. These emission standards will become applicable as of April 1, 2020. This is expected to draw R&D investments and competition for lightweight products in the coming years. Petrol-based vehicles are required to achieve a 25 percent reduction in their NOx according to these requirements.

Another factor expected to assist in the market for automotive ceramics products is the increasing demand for the health and durability of materials used in auto manufacturing. Companies are focused on the production of more powerful engines to boost vehicle efficiency. Advanced ceramics can substitute tiny metal pieces and reduce the vehicle's total weight. This provides benefits, such as high power, low density, friction coefficient, and strong wear resistance.

Based on Application, the market is segmented into Passenger Vehicles and

Commercial Vehicles. Based on Material, the market is segmented into Alumina, Zirconia and Other Material. Based on countries, the market is segmented into China, Japan, India, South Korea, Singapore, Malaysia, and Rest of Asia Pacific.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Kyocera Corporation, Saint-Gobain Group, Corning, Inc., 3M Company, CeramTec GmbH, Morgan Advanced Materials PLC, IBIDEN Co., Ltd., NGK Spark Plug Co., Ltd., CoorsTek, Inc., and Elan Technology, Inc.

Scope of the Study

Market Segmentation:

By Application

Passenger Vehicles and

Commercial Vehicles

By End User

Alumina

Zirconia and

Other Material

By Country

China

Japan

India

South Korea

Singapore

Malaysia

Rest of Asia Pacific

Companies Profiled

Kyocera Corporation

Saint-Gobain Group

Corning, Inc.

3M Company

CeramTec GmbH

Morgan Advanced Materials PLC

IBIDEN Co., Ltd.

NGK Spark Plug Co., Ltd.

CoorsTek, Inc.

Elan Technology, Inc.

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