

Global Sapphire Market: Trends & opportunities (2014-2019)

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Abstracts

The report titled “Global Sapphire Market: Trends and Opportunities (2014-2019)” provides an in-depth analysis of the global sapphire market and its end-use in different sectors including its application in LED, Apple phones, Apple buttons and SOS (Silicon on Sapphire). It also assesses the key opportunities and underlying trends in the market and outlines the factors that are and will be driving the growth of the industry in the forecasted period (2014-19). Further, key players of the industry like GT Advanced Technology, Rubicon Technology and Kyocera International have also been profiled.

Application Coverage

Application of Sapphire in LED

Application of Sapphire in SOS

Application of Sapphire in Apple Camera

Application of Sapphire in Apple Home Button

Country Coverage

USA

China

Japan

Korea

Europe

Taiwan

Company Coverage

GT Advanced Technology

Rubicon Technologies

Kyocera International

Executive Summary

Sapphire is a gemstone variety of the mineral corundum, an aluminium oxide. Trace amounts of other elements such as iron, titanium, chromium, copper, or magnesium can give corundum blue, yellow, purple, orange, or a greenish color.

Generally, sapphires are worn in jewelry. And because of the remarkable hardness of sapphires—9 on the Mohs scale and of aluminium oxide in general, sapphires are used in some non-ornamental applications, including infrared optical components, such as in scientific instruments; high-durability windows; wristwatch crystals and movement bearings; and very thin electronic wafers, which are used as the insulating substrates of very special-purpose solid-state electronics (especially integrated circuits and GaN-based LEDs). Sapphires may be found naturally, by searching through certain sediments or rock formations. They also may be manufactured for industrial or decorative purposes in large crystal boules.

The key factors that will drive the growth of global Sapphire industry is its exceptional properties and usage in different application sectors and recovery phase. The recent years have seen the entry of many smaller companies in different application sectors and producing innovative products using sapphire. However, high cost, out of the public eyes and several other issues pose major challenge to the growth of this market. Major trends prevailing in the global sapphire market are, sapphire display watches, trends in

lighting market, sapphire displays to feature in upcoming iPhone models and emerging market for sapphire.

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