

Middle East Silica Market Size, Share & Trends Analysis Report, By Product (Amorphous, Crystalline), By End Use (Building & Construction, Glass Manufacturing), And Segment Forecasts, Key Companies And Competitive Analysis, 2025 - 2033

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Abstracts

Middle East Silica Market Summary

The Middle East silica market size was estimated at USD 1.17 billion in 2024 and is projected to reach USD 2.26 billion by 2033, growing at a CAGR of 7.9% from 2025 to 2033. The market includes various forms of silica, such as precipitated, fumed, gels, sols, and fumes.

Increasing demand from the rubber industry is a major growth catalyst, as silica improves abrasion resistance, tensile strength, and flex fatigue durability in rubber products. Its widespread use in tire manufacturing strengthens the bond between rubber and metallic reinforcements, enhancing tear resistance and overall tire performance.

Rapid economic development, rising government infrastructure spending, and growing consumer preference for personal vehicles are key factors driving the automotive sector's expansion in the Middle East, thereby fueling silica demand. The region is witnessing an uptick in local automotive manufacturing and assembly operations, supported by favorable investment policies and industrial diversification initiatives. For instance, Saudi Arabia is accelerating its Saudi Vision 2030 plan by developing industrial hubs such as NEOM and partnering with global automakers to establish vehicle production plants, which is expected to boost the consumption of silica-based products used in high-performance tires.

Simultaneously, the construction sector has emerged as one of the largest end-users of silica, particularly in the form of silica fumes that enhance the strength, durability, and longevity of concrete. The demand for high-performance construction materials is rising as the region undertakes massive urban development projects. For example, in 2021, the United Arab Emirates launched the Dubai 2040 Urban Master Plan, a long-term development strategy involving planned investments of around AED 25 billion (? USD 6.8 billion) to expand sustainable urban districts, enhance transport networks, and promote mixed-use real estate projects-driving greater demand for silica in concrete, glass, coatings, and related materials.

Furthermore, several Middle Eastern countries are investing heavily in large-scale infrastructure, which is expected to further accelerate silica consumption in construction and allied industries. Mega projects such as Saudi Arabia's The Line city project and Qatar's ongoing transport corridor expansions are increasing demand for advanced building materials. These developments underscore a sustained growth trajectory for silica in the region, supported by robust infrastructure pipelines and expanding end-use sectors.

Middle East Silica Market Report Segmentation

This report forecasts revenue growth nationally and regionally from 2021 to 2033 and analyzes the latest trends in each sub-segment. For this study, Grand View Research has segmented the Middle East silica market report based on product, end-use, and country.

Product Outlook (Volume, Kilotons; Revenue, USD Billion, 2021 - 2033)

Amorphous

Crystalline

End Use Outlook (Volume, Kilotons; Revenue, USD Billion, 2021 - 2033)

Building & Construction

Oil & Gas

Glass Manufacturing

Water Treatment

Others

Regional Outlook (Volume, Kilotons; Revenue, USD Billion, 2021 - 2033)

Middle East

Saudi Arabia

UAE

Qatar

Oman

Iran

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