

Silicon Nitride Market Size Expected to Reach USD\$ 171.50 million with CAGR of 7.8% by 2027 – IndustryARC

Growth in the automotive sector and aerospace sector within the forecast period of 2022-2027 proves to be a great driver for the Silicon Nitride Market.

HYDERABAD, TELANGANA, INDIA, October 17, 2022 /EINPresswire.com/ -- IndustryARC, in its latest report, predicts that the [Silicon Nitride Market](#) size is estimated to grow at a CAGR of 7.8% during 2022-2027 and is valued at USD\$ 171.50 million by 2027. Although silicon nitride ceramic materials are widely used in various industries, there

are other alternative ceramics like silicon carbide and aluminium oxide that can prove to be a challenge to the Silicon Nitride Market. In this report, we will take an in-depth look at the various segments of the Silicon Nitride Market and analyze its market landscape, drivers, and challenges within the forecast period of 2022-2027. The report offers a complete analysis of the market, its major segments, growth factors, trends, drivers and challengers, key players and more.



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<https://www.industryarc.com/Research/Silicon-Nitride-Market-Research-510103>

Key Takeaways:

This IndustryARC report on the Silicon Nitride market highlights the following areas -

The Asia-Pacific region dominates the Silicon Nitride Market within the forecast period of 2022-2027.

The growth in the automotive sector and aerospace sector within the forecast period of 2022-

2027 proves to be a great driver for the Silicon Nitride Market.

Sintered silicon nitride is the most popular type of silicon nitride due to its excellent shock and temperature resistance.

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Segmental Analysis:

Silicon Nitride Market Analysis – By Type: Sintered Silicon Nitride holds the largest share of 42% by type in the Silicon Nitride Market within the forecast period of 2022-2027. Sintered silicon nitride is formed by sintering powder compacts, with additives like magnesium oxide and yttrium oxide, in a bed of silicon nitride powder under a high-pressure nitrogen atmosphere, typically 1 to 8 MPa.

Silicon Nitride Market Analysis – By End-Use Industry: The Automotive sector holds the largest share of 37% by end-use industry in the Silicon Nitride Market within the forecast period of 2022-2027. There is also an increase in demand for automotive which is one of the key driving factors for the Silicon Nitride Market within the forecast period of 2022-2027.

Silicon Nitride Market Analysis – By Geography: The Asia-Pacific region holds the largest share of 44% by geography in the Silicon Nitride Market within the forecast period of 2022-2027. Silicon nitride is an important component for these end-use industries and as such, the demand for the Silicon Nitride Market is expected to grow in the Asia-Pacific region within the forecast period of 2022-2027.

Competitive Landscape:

The top 5 players in the Silicon Nitride industry are -

1. UBE Industries, LTD
2. Denka Company Limited
3. Alzchem Group
4. H.C. Starck GmbH
5. The 3M Company

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