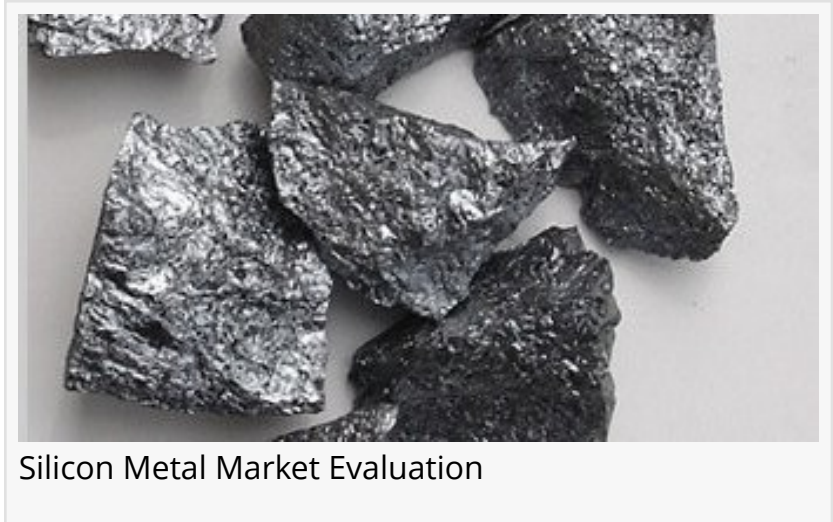


Silicon Metal Market Evaluation Key Indicators and Growth Projections

Increased demand for aluminum-silicon alloys, versatility of silicone applications, and semiconductor industry usage.

WILMINGTON, DE, UNITED STATES, September 8, 2024 /EINPresswire.com/

-- The global [silicon metal market](#) is on a growth trajectory, projected to reach \$8.9 billion by 2027 with a compound annual growth rate (CAGR) of 5.5% from 2020 to 2027. This growth is driven by the versatility of silicones, increased demand for aluminum-silicon (Al-Si) alloys, and the expanding use of silicon in semiconductor applications. However, high production costs pose a challenge, though ongoing efforts to reduce these costs are expected to create new opportunities for market players.



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Key Market Insights:

- Drivers: Increased demand for aluminum-silicon alloys, versatility of silicone applications, and semiconductor industry usage.
- Restraints: High production costs.
- Opportunities: Technological advancements and innovations.

Market Segmentation:

Type:

- Metallurgical grade dominated with over half of the market in 2019, anticipated to grow at a CAGR of 5.9% through 2027.
- Chemical grade is also analyzed.

Application:

- Aluminum alloys led with around 40% of the market in 2019.
- Semiconductors are expected to grow the fastest with a CAGR of 6.2%.

Regional Insights:

- Asia-Pacific: Leading the market with over 40% share in 2019, this region is projected to maintain dominance with the fastest CAGR of 6.4% by 2027.

Key Players:

The market features several prominent players including:

- Anyang Wanhua Metal Material Co. Ltd.
- Dow Inc.
- Elkem ASA
- Ferroglobe PLC
- Henan ALOY New Material Co. Ltd.
- Hoshine Silicon Industry Co. Ltd.
- Liasa
- Mississippi Silicon LLC
- Shin-Etsu Chemical Co. Ltd.
- United Company RUSAL

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Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading

companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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