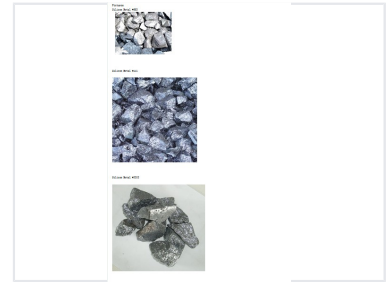


Metallurgical Grade Silicon Metal

High-purity silicon metal is a crucial raw material in silane and silicone production. It is also used as an alloying agent in the aluminum industry to improve its strength and ductility.



Product Overview

High-Purity Metallurgical Grade Silicon

This metallurgical grade silicon metal is a critical raw material engineered for demanding industrial applications. Produced via the carbothermic reduction of high-purity quartz sand in an electric arc furnace, it delivers consistent performance as an essential alloying agent in the aluminum industry. Beyond metallurgy, it serves as a foundational component for the production of silanes and silicones, enhancing strength and ductility across end-use products.

Technical Specifications

Silicon Content

98 %

Minimum Silicon

99 %

Maximum Silicon

Primary Applications

- Aluminum alloying agent
- Silicone production
- Silanes synthesis

Material Benefits

Increased Strength • Improved Ductility

Available Grades

555, 661, 3303