

SILICON

POWDER

Si



NS6130-05-558

40-50 μ m



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Silicon Powder

Silicon powder are widely used in luminescent display devises, micro and integrated semiconductors, solar energy cells, Lithium-ion battery, silicon nanotubes, nanowires and nanofibers. Silicon powder is often used to increase the oxidation resistance of carbon-containing refractories. Silicon has many applications in various industries; for example, ultra high purity silicon is used in the semiconductor industry as a result of its semiconducting properties.

Quick Facts

Product	:	Silicon Powder
Stock No	:	NS6130-05-558
CAS	:	7440-21-3
Purity	:	99.9%
APS	:	40-50µm

Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
Si	28.085g/mol	2.33 g/cm ₃	1414 °C

- Silicon for advanced alloys
- Silicon for pyrotechnical applications
- Silicon for advanced ceramics
- Silicon for producing High Purity Silicon Carbide (for SiC wafers)
- Silicon for aesthetics applications
- Silicon for filers



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