



**Belmont**  
M E T A L S I N C.

330 Belmont Avenue, Brooklyn, New York 11201

Phone: 718-342-4900 · FAX: 718-342-0175

Email: [mail@belmontmetals.com](mailto:mail@belmontmetals.com)

Website: [www.belmontmetals.com](http://www.belmontmetals.com)

SILICON

DATA SHEET

Silicon finds wide use in Iron, Steel and non ferrous alloys as both a deoxidizer and an alloying element. It is also used in the production of silicones and munitions and in ceramic applications.

STANDARD BELMONT PRODUCTS

POWDER: 98% Silicon Grade

Typical Chemical Analysis:	Silicon	98.5% Minimum
	Iron	1.00% Maximum
	Calcium	0.20% Maximum
	Aluminum	0.75% Maximum

Typical Screen Analysis:

<u>MESH</u>	<u>TYPE NO. 200</u>
+140	0
+200	2%
+325	25%
-325	73%

Standard Packing: 50 Pound Bags

LUMPS: 98% Silicon Grade

Typical Chemical Analysis:	Silicon	98.5% Minimum
	Iron	1.00% Maximum
	Calcium	0.35% Maximum
	Aluminum	0.75% Maximum

Also available in high purity grades

Typical Stock Sizes: Lumps 6" and down  
Lumps 1" x 12 Mesh

Also available in other sizes

Silicon is also available alloyed in many formulas with other metals such as Aluminum, Copper and Iron. Special grades of unalloyed silicon are available for munition manufacturing under U.S. Government Specifications.

**Belmont The Non Ferrous Specialists**

**For maximum variety in non-ferrous metals, alloys, formulations and shapes.**

**Custom shapes and compositions available**