



# Ferro Silicon



Ferro Silicon is a Ferro alloy composed of iron and silicon. It is used in steelmaking and foundries as a source of silicon in production of carbon and stainless steel.

- ◆ Used as a deoxidizing agent in the manufacturing of structural and stainless steels to avoid excessive decarburization.
- ◆ Ability to be used as a graphitizing agent for the manufacturing of gray iron.
- ◆ Used as a silicon bearing material as an alloying element to improve the behavior of the alloys against corrosion and high temperatures.

We supply the standard grade of Ferro Silicon - FeSi-75% with the following properties:

- ◆ Si: 75% min
- ◆ Al: 2% max
- ◆ C: 0.2% max
- ◆ S: 0.02% max
- ◆ P: 0.04% max

We can also supply low Aluminum (< 0.5%) and low Carbon (<0.03%) when needed.

We supply a wide variety of material sizes depending on the needs of the customer.

Sizes include but are not limited to:

- ◆ 0 x 3 mm
- ◆ 3 x 10 mm
- ◆ 10 x 50 mm
- ◆ 10 x 100 mm
- ◆ Custom as per the customer's request

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A wide range of packaging options are available from 10lb mini-sacks to 3000lb super sacks. Full truck load quantities and bulk packaging options are also available upon request.

Third party quality checks assure highest customer chemistry for each shipment.



### Product Specifications:

	Specifications	Manufacturer
Chemical specifications	Si %	76.03
	Al %	0.82
	C %	0.028
	S %	0.08
	P %	0.02
Grain Size	10 – 50 mm (%)	92.00

FRC Global is a leading supplier of refractories, electrodes, and high temperature combustion systems.

We provide outstanding results for our clients within the iron, steel, and non-ferrous industries. Our company’s reputation is built by delivering high quality products made with premium raw materials.

Through the use of vast global resources, all of us at FRC Global are committed to being the value creators and problem solvers for our industry.

