



ATASAN Ferroalloys

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Ferrosilicon (FeSi)

Ferrosilicon is an alloy composed primarily of silicon and iron, with controlled carbon content and minor impurities. It is widely used in steel and cast iron production.

In steelmaking, **ferrosilicon** acts as a deoxidizer and an alloying agent. It removes oxygen from molten steel while improving strength and hardness. In cast iron production, it is also used as an inoculant to control graphitization and enhance the microstructure.



1. Typical Chemical Composition (%)

Products	Si	C	Al	P	S
FeSi 70	70 - 75	≤ 0.20	≤ 2.0	≤ 0.04	≤ 0.02
FeSi 75	74 - 78	≤ 0.20	≤ 2.0	≤ 0.04	≤ 0.02

2. Typical Size: 10 - 50 mm

3. Packing: 1 MT Big Bag / Bulk

- Other sizes and specifications are available upon request.