



ATASAN Ferroalloys

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Ferronickel (FeNi)

Ferronickel is an alloy composed primarily of nickel and iron, with controlled carbon content and minor impurities. It is widely used in stainless steel and alloy steel production.

In steelmaking, **ferronickel** acts as an alloying agent to improve strength, toughness, and corrosion resistance. Nickel enhances ductility and impact resistance, especially at low temperatures, making it essential for high-performance and stainless steels.



1. Typical Chemical Composition (%)

Products	Ni	C	Si	P	S
FeNi 20	20 - 25	≤ 0.10	≤ 1.5	≤ 0.03	≤ 0.03
FeNi 30	30 - 35	≤ 0.10	≤ 1.5	≤ 0.03	≤ 0.03

2. Typical Size: 10 - 50 mm

3. Packing: 1 MT Big Bag / Bulk

- Other sizes and specifications are available upon request.