



ATASAN Ferroalloys

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Ferrochromium (FeCr)

Ferrochromium is an alloy composed primarily of chromium and iron, with controlled carbon content and minor impurities. It is a key raw material in stainless steel and alloy steel production.

In steelmaking, **ferrochromium** is used as an alloying agent to enhance hardness, strength, and corrosion resistance. Chromium improves oxidation resistance and enables the formation of a stable passive layer, which is essential for the performance of stainless steels.



1. Typical Chemical Composition (%)

Products	Cr	C	Si	P	S
FeCr HC 60	60 - 65	6.0 - 8.0	≤ 1.5	≤ 0.04	≤ 0.04
FeCr HC 65	65 - 70	6.0 - 8.5	≤ 1.5	≤ 0.04	≤ 0.04
FeCr LC 65	60 - 70	≤ 0.10	≤ 1.0	≤ 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.