

硅铁

简介: 硅铁是以焦炭、钢屑、石英（或硅石）为原料，用电炉冶炼制成的铁硅合金。

用途:(1)在炼钢工业中用作脱氧剂和合金剂。

(2)在铸铁工业中用作孕育剂和球化剂,在铸铁过程中加入一定量的硅铁能阻止铁中形成碳化物、促进石墨的析出和球化。

(3)75#硅铁是生产金属镁的主要原材料，吨耗在 1.1 吨左右。

(4)磨细或雾化处理过的硅铁粉，在选矿工业中可作为悬浮相，在焊条制造业中可作为焊条的涂料。

牌号	化学成分/%				
	硅	铝	磷	硫	碳
	≤				
FeSi75A10.5-A	75.0-80.0	0.5	0.04	0.02	0.1
FeSi75A10.5-B	72.0-80.0	0.5	0.04	0.02	0.1
FeSi75A11.5-A	75.0-80.0	1.5	0.04	0.02	0.2
FeSi75A11.5-B	72.0-80.0	1.5	0.04	0.02	0.2
FeSi75A12.0-A	75.0-80.0	2.0	0.04	0.02	0.2
FeSi75A12.0-B	72.0-80.0	2.0	0.04	0.02	0.2
FeSi75-A	75.0-80.0	2.0	0.04	0.02	0.2
FeSi75-B	72.0-80.0	2.0	0.04	0.02	0.2
FeSi65	65.0-72.0	2.0	0.04	0.02	

FeSi45	40.0-47.0	2.0	0.04	0.02	
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粒度：0-1mm，1-3mm，3-10mm，10-50mm，50-100mm 或定制。

包装：吨袋包装，1000kg/包

Ferrosilicon

Description: Ferrosilicon is one of the iron silicon alloys made by electric furnace smelting, and it's raw material is coke、 scrap steel、 quartz (or silica).

Uses:

- (1) Used as deoxidizer and alloying agents in the steel industry.
- (2) Used as nucleating agent and spheroid zing agent in the iron industry.

Adding a certain amount of ferrosilicon in iron cast can reduce the carbide of the iron and Promote the precipitation and nodulizing of graphite.

(3) Ferrosilicon75# is the main raw materials of producing metal magnesium, tons of consumption is at about 1.1 tons.

(4) Ferrosilicon powder milled or atomized can be used as suspended phase in the mineral processing industry and electrode coating in the electrode manufacturing.

Size: 0-1mm, 1-3mm, 3-10mm, 10-50mm, 50-100mm or as customers' requirements.

Packing: Ton parcel, 1000kg/bag

Type	Chemical Composition/%				
	Si	Al	P	S	C
	≤				
FeSi75A10.5-A	75.0-80.0	0.5	0.04	0.02	0.1
FeSi75A10.5-B	72.0-80.0	0.5	0.04	0.02	0.1
FeSi75A11.5-A	75.0-80.0	1.5	0.04	0.02	0.2
FeSi75A11.5-B	72.0-80.0	1.5	0.04	0.02	0.2
FeSi75A12.0-A	75.0-80.0	2.0	0.04	0.02	0.2
FeSi75A12.0-B	72.0-80.0	2.0	0.04	0.02	0.2
FeSi75-A	75.0-80.0	2.0	0.04	0.02	0.2
FeSi75-B	72.0-80.0	2.0	0.04	0.02	0.2
FeSi65	65.0-72.0	2.0	0.04	0.02	
FeSi45	40.0-47.0	2.0	0.04	0.02	