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Ferro-Silicon Briquettes

The art of mixing - creating value

**Industrial
Quality
Innovation**

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Specifications:

Dimension: 65 x 55 x 35 mm (2,50 x 2,15 x 1,40 in)
Compressive strength: 10- 14 MPa
Packing: in big bags or in bulk

Chemical composition: FeSi 70	Si	Al	C	P	S	Ca
Content ~[%]	min 70 %	max 2,0 %	max 2,0 %	max 0,02 %	max 0,02 %	max 0,20 %

► APPLICATION:

FeSi briquettes are used in the metallurgical industry for alloying steel and cast iron. Briquettes can be used as an alloying additive in steel ladles during the tapping after the ladle is filled up to 1/4 - 1/3.

It is an advantage if the heat is further treated at a ladle furnace or by argon homogenization. If the FeSi briquettes are used at the ladle furnace, they should be used on condition that minimal quantity of liquid slag is in the ladle and there is enough TIME available for the briquettes to completely dissolve. In foundries, the briquettes are usually used as a charge additive in cupola or induction furnances.



► ADVANTAGES OF USING FESI BRIQUETTES:

- efficient initiating of smelting process in steelwork furnances
- convenient and less expensive substitute to standard FeSi
- suitability of mixing with different materials according to customers' needs and requirements
- compression of pure material in capsular form, hence convenient in usage
- facility of transport due to the convenient size