



Manufacturer: TAHA International Corporation  
PO Box 20451, Manama, Kingdom of Bahrain, Tel: +973 1758 0517  
[info@tahacorp.com](mailto:info@tahacorp.com), <http://www.tahacorp.com>

## Alobriq S

## Product Data Sheet

### Steel Slag Conditioner Briquettes

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Alobriq S is an alumina-based “Slag Conditioner Briquette” that is injected into the tapping stream and at the initial phase of Ladle Furnace (LF) treatment.

Alobriq S is formulated to improve the economy of steel production, by reducing the melting temperature and viscosity of the slag. The reducing slag conditioner components deoxidize iron and alloying elements in the slag, making them available again for the steel alloying process.

#### Chemical composition:

Item	%Content
Alumina: Al <sub>2</sub> O <sub>3</sub>	88-92%
[Out of which: free aluminum (Al) becomes available at 1400 deg C]	[18- 30%]
Silica: SiO <sub>2</sub>	0.5-4%
Magnesia: MgO	2-7 %
Lime/Hydrate/Carbonate: CaO	0.2-2 %
Iron: Fe <sub>2</sub> O <sub>3</sub>	0.1-0.5 %

Briquette size	50 mm
Briquette weight	50 grams
Colour	Gray
Odor	None
Standard packaging	1 MT in each HDPE jumbo bag