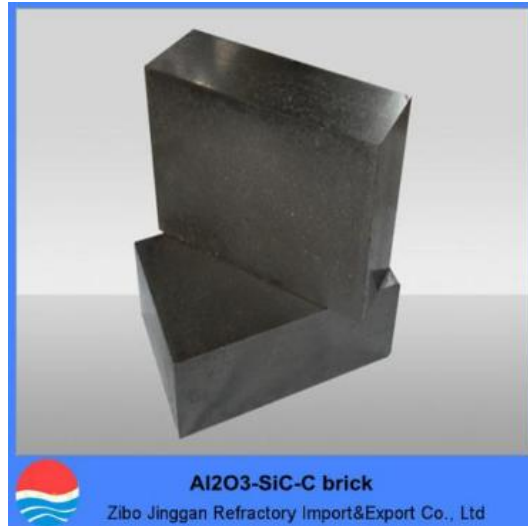


# ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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## Aluminum Carbon Brick for Steel Ladle



### 1,Description of Aluminum Carbon Brick for Steel Ladle:

Aluminum Carbon Brick is made of bauxite,corundum, silicon carbide and graphite powder,added with metal silicon and metal aluminium as antioxidant,and formed by high tonnage brick press.It is worth baking at high temperature (300 °C).The product has good resistance to hot metal scouring, erosion and peeling,it is used for working lining of ladle and torpedo tank.

### 2,Index of Aluminum Carbon Brick for Steel Ladle:

Item	JASC-1	JAHSC-2
Al <sub>2</sub> O <sub>3</sub> %	≥58	≥70
Fe <sub>2</sub> O <sub>3</sub> %	≤1.0	≤1.0
SiC %	≥7	≥10
C %	≥7	>4
Refractoriness °C	>1790	>1790
Apparent porosity %	≤5.8	<7
Bulk density g/cm <sup>3</sup>	≥2.75	>2.7
Cold crushing strength Mpa	≥40	>60

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Application	Mixed iron car work layer	Hot metal ladle
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### 3,Salient features of Aluminum Carbon Brick for Steel Ladle:

- 1) Good thermal shock resistance
- 2) High strength, good resistance to mechanical erosion and wear resistance
- 3) Good corrosion resistance of hot metal
- 4) Good overall performance in high temperature service

### 4,Damage mechanism of products in use:

- 1) In the process of filling molten iron,Aluminum carbon brick is scoured and eroded by molten iron and hot slag.
- 2) Chemical erosion by molten iron and slag
- 3) Thermal shock due to rapid temperature change
- 4) When molten iron is removed,it is oxidized with air, oxygen and steam.

### 5,About us:

According to the function environment and damage factors of the products,our factory has strictly controlled the process of material selection,ingredients, shaping and baking,and formed a perfect production process.Thus,the internal quality of the product has high compactness,corrosion resistance,erosion resistance,thermal shock resistance and other properties,and meets the user's use effect.

6.Good feedback of product use effect,the products have been exported to Australia, Oman, Morocco

7.We are a professional supplier, who can provide customers with free product technology, use and other issues.

**Do you want to find a professional supplier of refractory products?**

**Do you want to find a professional supplier of graphite electrodes?**

**Do you want to find a stable and credible supplier?**

**Then let's contact with jinggan company**

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