

# SHANDONG TAIRAN IMPORT AND EXPORT CO.,LTD

Address:NO. 3, Yanhe Road, Boshan, Zibo, Shandong, China  
Email:wp@cnjingganrefractory.com/sdwenping@163.com  
Contact:Rose Tel/Wechat:+86-13275332819  
Tel:86-533-4188518 Fax:86-533-4188518

## Cordierite Kiln Car Brick



Cordierite Kiln Car Brick have replaced traditional clay kiln car bricks, significantly improving their thermal shock resistance and stability. They have been air-cooled at 800 °C for more than 80 times, effectively improving their performance and saving operating costs for customers, increasing efficiency. The service life of Cordierite Kiln Car Brick is 3-5 times that of clay kiln car bricks, greatly reducing the maintenance frequency of kiln cars.

### 1. Technical index

Item	Unit	Value
Al <sub>2</sub> O <sub>3</sub>	%	38-42
MgO	%	3-5
SiO <sub>2</sub>	%	50-55
Fe <sub>2</sub> O <sub>3</sub>	%	≤2.2
Density	g/cm <sup>3</sup>	≥2.15
Refractoriness	°C	≥1730
RUL	°C	≥1370
Porosity	%	≤24
C.C.S	Mpa	≥45
1200°C antistrip performance	Times	≥50

# SHANDONG TAIRAN IMPORT AND EXPORT CO.,LTD

---

## 2. Product Description

In order to improve the thermal shock stability and strength of kiln car bricks, enhance their effectiveness, effectively reduce the frequency of kiln car repairs, and lower the operating costs of users, our company has developed and produced Cordierite Kiln Car Brick and Cordierite mullite Kiln Car Brick, replacing traditional clay kiln car bricks and high alumina bricks. The product is mainly made of high-quality synthetic materials such as pyroxene, aragonite or mullite, talc powder, and high-quality clay. Through scientific batching, mixing, high-pressure molding, and high-temperature firing, qualified products are produced. After being used by domestic and foreign customers, good results have been achieved, which are significantly superior to traditional clay kiln car bricks and high alumina bricks.

## 3. Main characteristics of Cordierite Kiln Car Brick

- 1> Good thermal shock resistance, with over 80 air cooling cycles at 800 °C.
- 2> High strength, good pressure resistance and wear resistance
- 3> It has a high content of Cordierite mineral phases and mullite mineral phase, and has good resistance to sudden temperature changes.
- 4> The product has neat edges and a smooth surface, and the overall structure is good after the kiln car is built.

## 4. Main purpose

Mainly used for kiln car surfaces with firing temperatures below 1300 °C.

Do you want to find a professional supplier of Cordierite Kiln Car Brick?

Do you want to find a stable and credible supplier?

Then please contact with us

**Contact me:**

**Email:**[wp@cnjingganrefractory.com](mailto:wp@cnjingganrefractory.com)/[sdwenping@163.com](mailto:sdwenping@163.com)

**TEL:** 86-0533-4188518 / **FAX:** 86-0533-4188518

**Rose:**+86-13275332819(wechat/whatsapp number)