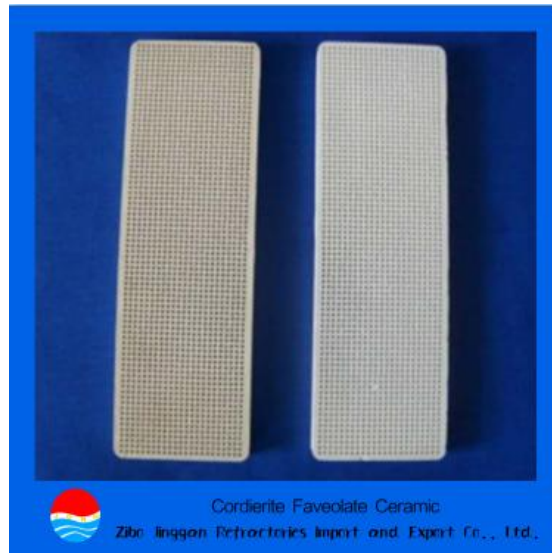


ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Cordierite Faveolate Ceramic



1, Main technical parameters of the product

ITEM	UNIT	TECHNCIAL INDEX
SIO ₂	%	50-54
Al ₂ O ₃	%	28-34
MgO	%	11-14
Fe ₂ O ₃	%	<1
TiO ₂	%	<1
Specific heat capacity	kJ/kg	900-1100
Specific gravity	kg/m ³	1.6-1.9
Coefficient of heat conductivity	w/m.k	1.2-1.8
Acid resistance	%	≥95
Water absorption	%	17-22
Service temperature	°C	1200

2,Brief introduction: Cordierite Faveolate Ceramic is mainly composed of synthetic cordierite, binder and sintering agent, and is fired at 1280-1320 °C.Cordierite Faveolate Ceramic is the key product of regenerative high temperature combustion technology(HTAC). It combines the recovery of flue gas waste heat with high-efficiency combustion and reduction of NO_x emission, so as to realize the dual purpose of energy saving and NO_x emission reduction.

3, Product specifications and physical parameters

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Specification	Number of holes	Wall thickness	Specific surface area	Voidage	B.D
mm		mm	m2/m3	%	kg/m3
150*150*300	60*60	0.5	1315	70	680
150*150*300	50*50	0.7	1050	58	680
150*150*300	40*40	0.7	883	65	518
150*150*300	25*25	1.0	573	67	502

4, Features and functions:

- 1) It can effectively recover residual heat of flue gas, realize energy saving, improve thermal efficiency of thermal equipment and reduce CO2 emission
- 2) The temperature distribution in the furnace is uniform, and the NO x emission in the flue gas can be reduced by more than 40%
- 3) Increase the temperature in the furnace and enhance the heat transfer in the furnace
- 4) Strong heat storage capacity and chemical corrosion resistance
- 5) High specific heat capacity and good thermal conductivity
- 5,Application fields: petrochemical industry, steel plant, waste incinerator, waste gas treatment furnace, power plant, boiler, etc

6.Good feedback of product use effect,the products have been exported to South Korea, Russia,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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