

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Forsterite Brick



1,Description of Forsterite Brick:

The product is a new product in recent years, Mainly used in glass furnace regenerator and other industrial furnace alkali resistance place. Products' temperature performance is good, also has good thermal shock performance.

2,Index of Forsterite Brick:

Item	JML-60	JML-50	JMZ-55	JMCr-55
MgO %	60	50	55	55
SiO ₂ %	20	30	20	20
Cr ₂ O ₃ %	—	—	—	3-8
ZrO ₂ %	—	—	3-8	—
Apparent porosity %	<20	<20	<20	<20
Bulk density g/cm ³	2.7	2.65	2.7	2.7
Cold crushing strength Mpa	>35	>35	>40	>35
Refractoriness under load °C0.2Mpa	1650	1620	>1560	>1560
Thermal shock resistance ,times (950°C air cooling,times)	20	20	30	30

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3,Forsterite Brick is a weak alkaline refractory, and the main crystal phase is forsterite ($2\text{MgO}\cdot\text{SiO}_2$), the product has high refractory and refractoriness under load, and strong antioxidant Iron erosion ability, the product is sintered in high temperature oxidation atmosphere.

4,Application: Non-ferrous metal smelting furnace, regenerator of open-hearth steelmaking furnace, glass furnace regenerator, cement rotary kiln, tap water flume, torpedo car, etc.

5,Significant features: low thermal conductivity, 1/3-1/4 of pure magnesia brick, non-hydration, good chemical stability, resistance to corrosion of metal melt and slag.

6, This product is a new product developed and produced by our factory in recent years. the factory has perfect production process and strict quality control system, because of its high chemical stability at high temperature and corrosion resistance to metal slag, especially its strong ability to resist oxidation of iron and corrosion, therefore, the products are widely used in steelmaking industry and non-ferrous metal smelting and other fields. our products have favorable price and superior quality, welcome new and old customers to negotiate business.

7. Good feedback of product use effect, the products have been exported to Australia, the United States, and India.

8. 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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