

# ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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## Silicon Carbide Foam Ceramic Filter



**1.Description of Silicon Carbide Foam Ceramic Filter:** silicon carbide foam ceramic filter, with silicon carbide as the main raw material, using special binding agent, produced by computer temperature control measures sintering. The product can effectively remove the impurities in the molten metal and reduce the disorder of the molten metal, improve the quality of nodular iron, gray iron and other castings, and reduce the scrap rate of castings. After using the product, the gating system can be simplified, the occurrence of bubbles can be reduced, the consistency of molten iron flow can be maintained, and the casting yield can be increased.

2. The product is specially used for the casting of nodular iron, gray iron and non-ferrous metals

### 3.Features of Silicon Carbide Foam Ceramic Filter:

- 1) excellent thermal shock resistance
- 2) excellent erosion resistance of metal solution
- 3) excellent high temperature resistance and high temperature strength

### 4.Techncial index of silicon carbide foam ceramic filter

| ITEM                   | silicon carbide foam ceramic filter |
|------------------------|-------------------------------------|
| Main materials         | silicon carbide                     |
| Service temperature °C | 1550                                |

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|                                           |                                       |
|-------------------------------------------|---------------------------------------|
| Porosity %                                | 80-90                                 |
| Bending strength at room temperature Mpa  | $\geq 1.5$                            |
| Room temperature compressive strength Mpa | $\geq 1.0$                            |
| B. D g/cm <sup>3</sup>                    | 0.36-0.50                             |
| Thermal shock resistance                  | 1100°C, water cooling, $\geq 6$ times |
| High temperature bending strength Mpa     | $\geq 2.5$                            |
| Aperture density PPI                      | 10 20 25 30 40 50 60                  |

5. Good feedback of product use effect, the products have been exported to Japan, Pakistan, Russia

6. The manufacturer is a professional manufacturer and can provide complete product index test reports or third-party test reports.

**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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