



## SILICON CARBIDE CERAMIC FOAM FILTER

### 碳化硅泡沫陶瓷过滤器

#### 应用领域 ( Application ) :

球铁、灰铁、有色合金的金属液过滤

Silicon carbide ceramic foam filters are designed for filtration of grey iron, ductile iron, and nonferrous alloy .

#### 产品特点 ( Features ) :

- 过滤效果好，降低废品率
- 整流吸附作用强，减少二次夹杂物
- 提高铸件加工性能和机械性能
- good filtering effect, reduce the reject rate.
- strong adsorption function , reduce inclusions.
- improve casting processability and mechanical properties.

#### 性能指标 ( Properties ) :

孔密度 Pore Density (PPi)	10-40
通孔率 Porosity (%)	80-90
使用温度 Operating temperature(°C)	≤ 1500
常温弯曲强度 Bending Strength (MPa)	≥ 0.8
常温压缩强度 Compression Strength (MPa)	≥ 0.9
抗热震性 (次/1100°C) Thermal Shock Resistance(times/1100°C)	6

