



ZIRCONIA CERAMIC FOAM FILTER

氧化锆泡沫陶瓷过滤器

应用领域 (Application) :

不锈钢、碳钢和大型铸铁件金属液的过滤

Zirconia ceramic foam filters are designed for filtration of stainless steel, carbon steel and large cast iron.

产品特点 (Features) :

- 通过整流调整金属液流速，减少二次夹杂和气孔
- 减少铸件夹杂、降低铸件废品和焊补率
- 提高铸件表面质量和机械性能
- Adjust the flow rate of the metal liquid through the rectification, and reduce the two times inclusion and blow hole.
- Reduce the casting inclusions, reduce the scrap and welding repair rate
- Improve casting surface quality 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)	≤1700
常温弯曲强度 Bending Strength (MPa)	≥1.0
常温压缩强度 Compression Strength (MPa)	≥1.2
抗热震性 (次/1100°C) Thermal Shock Resistance(times/1100°C)	6

