

Product technical illustration 产品技术说明

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AdTech Metallurgical Materials Co. , Ltd.

Ceramic Fiber Paper 铝工业专用纤维纸

Ceramic-P

Application(产品应用):

Ceramic fiber paper is used for aluminium alloy casting industry.

(适用于铝铸造行业耐火保温。)

Dimension(订尺范围):

Length 30000/20000/12000/7500 x Width 610 x Thickness 2/3/5/8mm or required by customer.

(尺寸范围约为: 长 30000/20000/12000/7500mm, 宽度 610mm, 厚度 2/3/5/8mm).

Advantage(优越性能)

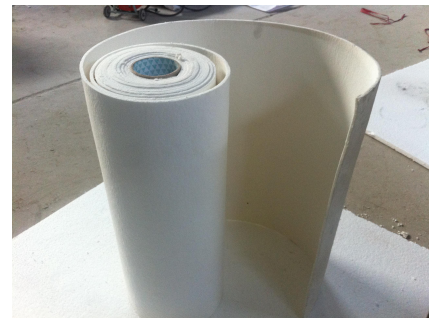
1, Excellent thermal shock resistance can be machined, cut and shaped easily.

2, High flexibility Low thermal conductivity Good dielectric strength

3, Compressed by ceramic fiber ,and refractory temperature is up to 1260°C.

4, It has advantages of low thermal conductivity, aluminium non-infiltration, and it is used for insulation under allowed conditions.

(优异的抗热震性可轻松加工、切割和成型。高柔韧性低导热性好介电强度陶瓷纤维压缩, 耐火温度可达 1260°C它具有导热系数低、铝不渗透的优点, 在允许的条件下用于绝缘。)



Products
成品案例:

Empirical Data(实验数据):

Chemical composition

化学成份

Chemical composition 化学成份	Al ₂ O ₃	SiO ₂	others 其他
Standard products Typical values 标准典型值 (%)	46.2	53.2	0.6
High alumina product typical values 高铝产品典型值	52.3	47.6	0.1

Technical parameter(技术参数)

Items 项目	Density (kg/m ³) 体积密度	Loss of ignition(%) 抗拉强度	strength of extension 抗拉强度 (MPa)	Thermal Conductivity (800°C W/m.k) 热导率	Max Working Temperature (°C) 最大操作温度
Standard Typical	200	≤10	0.4	0.2	1260
High alumina Typical	240	≤6	0.7	0.19	1325

User's Guide(使用方法)

The ceramic fiber paper is used for heat insulation or thermal insulation in furnace , equipment, and launder, always used as insulation lining, and also backing layer, high temperature devices, high temperature duct.

(陶瓷纤维板主要用于窑炉, 设备, 流槽等产品的保温, 隔热, 及内衬层, 为设备和管道的绝热保温。)