

SHANDONG TAIRAN IMPORT AND EXPORT CO.,LTD

Address:NO. 3, Yanhe Road, Boshan, Zibo, Shandong, China
Email:wp@cnjingganrefractory.com/sdwenping@163.com
Contact:Rose Tel/Wechat:+86-13275332819
Tel:86-533-4188518 Fax:86-533-4188518

Cold Ramming Carbon Mass



Introduction: Cold ramming carbon mass is a kind of carbon filling material for masonry construction at room temperature. It is widely used in aluminum reduction cell, iron making blast furnace, smelting furnace and calcium carbide furnace. It is mainly made of calcined anthracite, metallurgical coke and binder. The construction temperature of Cold ramming paste is 8-25 °C

1, Technical index of Cold ramming carbon mass

Item	Unit	Value
Ash	%	≤5
Volatile matter	%	10-12
True specific gravity	g/cm ³	≥1.90
B.D	g/cm ³	≥1.50
Compression strength	Mpa	≥18
Room-temperature resistivity	μΩ•m	57-60
Loss of heating for 5 times at 1050 °C	%	20-24

2, Product description of cold ramming carbon mass

The product can be directly used at room temperature without heating due to its low construction temperature. Therefore, the product details improve the damage to human body and environmental pollution during construction. According to the particle composition of aggregate and the size of filling joint, it can be divided into coarse joint paste and fine joint paste. Fine joint paste is used to bond carbon joints less than 2mm, and its aggregate is mainly coke powder less than 100 mesh. Rough joints are used to fill large gaps and tamp carbon mats. According to the use of

SHANDONG TAIRAN IMPORT AND EXPORT CO.,LTD

aggregates, they can be divided into semi graphite and ordinary. Semi graphite is used together with semi graphite carbon blocks, and ordinary is used together with ordinary carbon blocks.

Cold ramming paste is a material used to fill the gaps between carbon blocks in the electrolytic cell, so its properties are the same or similar to those of carbon blocks. The raw materials of Cold ramming paste are mainly composed of aggregate, binder and additives

The cold ramming paste is rammed to form an integral carbon furnace lining without gaps, which can effectively reduce furnace penetration accidents.

The product is made of high-temperature calcined anthracite, graphite powder and metallurgical coke as the main raw materials, with coal tar and coal tar as the binder. It is used as the carbon tamping layer at the bottom of the furnace to fill the gap between carbon blocks. It can directly tamp the furnace at room temperature without heating. It is an environmental protection material without asphalt smoke during construction

3,Application: for ferrosilicon furnace, yellow phosphorus furnace, silicon manganese furnace, calcium carbide furnace and other submerged arc furnaces, iron making blast furnace, electrolytic aluminum cell, coreless induction furnace, etc

4. Main features:

- 1) High temperature resistance
- 2) Small coefficient of thermal expansion
- 3) Small resistance coefficient to reduce power loss
- 4) Smaller porosity can make the heated electrode oxidize slowly
- 5) High mechanical strength
- 6) Low softening point and high volatile

5. Packaging: double waterproof 25kgs bag + waterproof ton bag, with a shelf life of 6-9 months

6,Good feedback of product use effect,the products have been exported to South Korea, Japan,Pakistan

7,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 Cold ramming carbon mass?](#)

[Do you want to find a stable and credible supplier?](#)

[Then please contact with us](#)

Contact me:

Email:wp@cnjinganrefractory.com/sdwenping@163.com

SHANDONG TAIRAN IMPORT AND EXPORT CO.,LTD

TEL: 86-0533-4188518 / FAX: 86-0533-4188518

Rose:+86-13275332819(wechat/whatsapp number)