RAMMING MASS

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Product Description

1.Accurate composition,
2.Longer shelf life,
3.Safe to use,
4.No side effect,
5.High binding ability,
6.Reliable packaging.

Ramming Mass Introduce

Ramming mass is granule or powder shape material made from refractory raw material, usually, there are some proportion of binder, after rational gradation and tempering, loose amorphous ramming mass is produced. It is similar to dry-hardened castable, but some ramming mass doesn't

have self-setting binder, so fierce ramming should be applied during construction, that's why it is called ramming mass.

The Composition of Ramming Mass and Application:

Name	Composition	Application	Note
Carbon packing material	Metallurgical coke powder(less than 4mm) 80% Dehydrated coal tar 15% Coal pitch 5%	The gap between blast furnace base clay brick masonry and furnace shell, blast furnace hearth, the gap between furnace hearth clay brick or high alumina masonry and surrounding cooling wall	Volume ratio
Carbon ramming mass	Metallurgical coke powder(less than 4mm) 85% Dehydrated coal tar 5% Coal pitch 10%	Blast furnace lining	(mass ratio)
	Magnesia sand (granularity ≤5mm) 85% dehydrated coal tar 15%	Lateral lifting open hearth furnace bottom	(Volume ratio)
Magnesia ramming mass	Magnesia sand 89%~91.5% dehydrated coal tar 7%~9% coal pitch 1.5%~2%	Electric furnace bottom	(mass ratio)
	Magnesia sand 89% iron oxide powder 2% dehydrated coal tar 9%	Electric furnace bottom and ramp	Mass ratio

Chrome plastic refractory	Chromite 97% binding clay 3% water glass 7%	Soaking pit hearth central part, burner nozzle surrounding	(mass ratio)
Magnesia ramming mass	Magnesia sand 50% clay refractory mortar 30% laterite 5% coke powder 5% Iron oxide powder 10% Brine (for extra addition)	Soaking pit hearth central part, burner nozzle surrounding	(mass ratio)
Chrome oxide ramming mass	Chromite (granularity ≤3mm) 90% Iron oxide (granularity ≤3mm) 5%	Circular heating furnace bottom	(volume ratio) chromite ingredient requirement: Cr2O3>35%

Related Products

Ramming Mass

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Insulation Castable

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Refractory Mortar

High Alumina Cement