

Magnesia Alumina Carbon Brick

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/ Magnesia Calcium Brick



Magnesia alumina carbon bricks with high grade magnesite, corundum, spinel and graphite as raw materials, bonded by resin, are characterized by good slag resistance, they are mainly used for ladle upper and lower slag line.

Alumina magnesia carbon bricks with high grade bauxite, corundum, spinel, high purity magnesite and graphite as raw materials, bonded by resin, are characterized by erosion and corrosion resistance and spalling resistance. They are mainly used for ladle slag lining and bottom.

Magnesia calcium bricks are formed from high quality complex magnesia calcium sand. The composition ratio of MgO/CaO can be adjusted according to the different applications. Formed at high temperature, vacuum pressure, impregnating pitch or paraffin wax. They have high temperature resistance and good slag resistance and are mainly used used for AOD and VOD furnace etc.

Typical product characteristics tables :

Name	Magnesia alumina carbon brick			Alumina magnesia carbon brick		Magnesia calcium brick	
	HST-10	HST-8	HST-6	HST-6	HST-8	MC-20	MC-30
Brand	HST-10	HST-8	HST-6	HST-6	HST-8	MC-20	MC-30
Mgo % \geq	72	74	76	6	8		
Al ₂ O ₃ % \geq	6	6	6	78	78		
CaO % \geq						18-20	28-32
C % \geq	8	8	8	8	8		
$\sum(A+F+S)\% \leq$						3	3
Apparent porosity/%, \leq	5	5	5	5	5	8	8
Bulk density/ g/cm ³ , \geq	3.0	3.0	3.0	3.1	3.1		
Crushing strength/Mpa, \geq	40	40	40	45	45	55	55