营口镁铬砖厂家

产品名称	营口镁铬砖厂家
公司名称	营口创兴科技有限公司
价格	5000.00/吨
规格参数	
公司地址	辽宁省营口市
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产品详情

镁铬砖Magnesia-Chrome Brick

本系列产品以烧结镁砂或电熔镁砂、铬矿及其精矿、电熔镁铬砂等为主要原料，经高压成型、超高温烧结制备而成。镁铬砖可分为四类：普通硅酸盐结合镁铬砖、直接结合镁铬砖、半再结合镁铬砖、电熔再结合镁铬砖。

This series of products are mainly made of sintered magnesite or fused magnesite, chrome ore and its concentrate, fused magnesia-chrome sand. Magnesia-chrome brick can be divided into four types: ordinary silicate-bonded magnesia-chrome brick, direct-bonded magnesia-chrome brick, semi-bonded magnesia-chrome brick and fused re-bonded magnesia-chrome brick.

普通镁铬砖是以MgO含量小于95的烧结镁砂和SiO2含量高的铬矿等为原料制备而成，其结合相为低熔相，常用于有色冶炼炉、玻璃窑、RH精炼炉等的永久衬。

Ordinary magnesia-chrome brick is made of sintered magnesia sand with MgO content less than 95 and chromium ore with high SiO2 content. Its binding phase is low-melting phase and it is often used in permanent lining of non-ferrous smelting furnaces, glass kilns and RH refining furnaces.

种类

Category

普通镁铬砖

Common Magnesia-Chrome Brick

Brand 牌号

Properties 指标

CX-MGe

8A

CX-MGe

8B

12A

12B

CX-MGe

16A

16B

MgO % ≥

65

60

60

55

50

45

Cr_2O_3% ≥

8

8

12

16

16

显气孔率 Apparent Porosity % ≤

20

20

20

23

常温耐压强度

Cold Crushing Strength MPa ≥

35

30

30

35

荷重软化温度0.2Mpa R.U.L ℃ ≥

1620

1550

1580

1620

直接结合镁铬砖是以MgO含量大于95的优质烧结镁砂、SiO2含量较低的铬矿等为原料制备而成，其晶界液相少，以(Mg,Fe)(Fe,Al,Cr)2O4复合尖晶石为主，其直接结合程度高，具有强度高、抗热震稳定性好等优点，常用于RH精炼炉中上部槽工作衬、有色冶炼炉熔池、P-S铜转炉熔池、VOD炉熔池、玻璃窑及水泥回转窑烧成带等。

Direct-boned Magnesia-Chrome brick is made of high quality sintered magnesia with the content of MgO more than 95 and chrome ore with low content of SiO2 , with less liquid phase at grain boundary .It is mainly composed of (Mg,Fe)(Fe,Al,Cr)2O4 composite spinel, with a high degree of direct bonding, high strength and good thermal shock stability. It is often used in the working lining of middle groove and upper groove of RH refining furnace, melting pool of nonferrous smelting furnace, melting pool of P-S copper converter, melting pool of VOD furnace, firing zone of glass kiln and cement rotary kiln.

种类

Category

直接结合镁铬砖

Direct-bonded Magnesia-Chrome Brick

Brand 牌号

CX-

ZMGe4

CX-

ZMGe6

CX-

ZMGe8A

CX-

ZMGe8B

CX-

ZMGe12A

CX-

ZMGe12B

ZMGe16A

ZMGe16B

ZMGe18A

ZMGe18B

MgO % ≥

80

75

74

74

66

66

60

58

58

Cr_2O_3% ≥

4

6

8

8

12

16

18

18

SiO_2% ≤

2

2

1.5

2

1.5

2

显气孔率% ≤

Apparent Porosity

18

18

18

18

常温耐压强度MPa ≥

Cold Crushing Strength

40

40

40

40

40

35

荷重软化温度℃ ≥

0.2Mpa R.U.L

1600

1600

1660

1600

1660

1600

电熔再结合镁铬砖是以电熔镁砂、电熔镁铬砂、铬精矿、铬绿等为原料制备而成，其结合相为高熔点(Mg,Fe)(Fe,Al,Cr)2O4复合尖晶石，其晶粒发育完善，具有高温强度高、抗冲刷性能及抗渣侵蚀性能好等优点，常用于RH精炼炉浸渍管及下部槽、有色冶炼炉、P-S铜转炉、闪速炉、VOD、精炼钢包等渣线区。

Fused reboned Magnesa-Chrome brick is made of fused magnesia, fused magnesia-chrome sand, chromium concentrate ,chrome green sand and its combining phase is high melting point (Mg, Fe) (Fe, Al, Cr) 2 O4 compound spinel, its advantages are grain perfect development ,high temperature and high strength, erosion resistance and slag erosion resistance ,it is often used in dip pipe and lower groove of the RH refining furnace, slag line area of non-ferrous smelting furnace, P - S copper converter, flash furnace, VOD, refining ladle .

种类

再结合镁铬砖

Rebonded Magnesia-Chrome Brick

Brand 牌号

CX-DMGe

20A

CX-DMGe

20B

24

26

MgO % ≥

65

60

60

52

50

Cr2O3% ≥

16

20

20

22

24

SiO2% ≤

1.2

1.6

1.2

显气孔率% ≤

Apparent Porosity

16

常温耐压强度MPa ≥

Cold Crushing Strength

45

40

40

荷重软化温度℃ ≥

0.2Mpa R.U.L

1750

1700

1700

种类

Category

半再结合镁铬砖

Semi-rebonded Magnesia-Chrome Brick

Brand 牌号

Properties 指标

CX-

BDMGe16A

BDMGe16B

CX-

BDMGe20A

CX-

BDMGe20B

MgO % ≥

60

55

55

Cr2O3% ≥

16

20

20

SiO2% ≤

1.5

2

1.5

2

显气孔率Apparent Porosity % ≤

17

17

17

常温耐压强度MPa ≥

Cold Crushing Strength

40

35

40

35

荷重软化温度0.2Mpa R.U.L ℃ ≥

1750

1700

1750

1700

半再结合镁铬砖是以优质烧结镁砂、电熔镁砂、铬矿、电熔镁砂为原料制备而成，其性能介于直接结合镁铬砖与电熔再结合镁铬砖之间，具备强度高、抗渣性能及抗热震稳定性好等优点，常用于各种高温冶炼炉的风眼区，如P-S铜转炉、炼铜阳极炉等。

Semi-reboned Magnesite-Chrome brick is made of the high quality sintered magnesia, fused magnesia, chrome ore , and its performance between direct-boned Magnesia-Chrome bricks and fused reboned Magnesia-Chrome brick, with advantages of high strength, good slag resistance and thermal shock stability, etc, they are often used in f eye area of all kinds of high temperature furnaces , such as P -s copper converter, refined copper anode furnace, etc.