

MgO-C bricks for Lining of Furnace

The MgO-C bricks are made variously to match different parts and different operation conditions. They are mainly made by using high- purity, high density and large crystal magnesite, and graphite and resins as raw materials and shaped by high tonnage press. They are mainly used as linings of LD converter, electric furnaces with high strength, high refractoriness, good slag resistance and thermal shock resistance.

Technical Specification of MgO-C bricks for lining of furnace (mainly for LD converter and electric furnaces and etc)

Brand	MgO-C Bricks						
Index							
Item	HGR-MT14A	HGR-MT14B	HGR-MT14c	HGR-MT16	HGR-MT18A	HGR-MT18B	HGR-MT18C
MgO, %≥	76	74	74	74	72	70	70
C, %≥	14	14	14	16	18	18	18
(AP), %≤	4	5	6	6	3	4	5
(BD), g/cm ³ ≥	2.9	2.82	2.77	2.8	2.9	2.82	2.77
(CCS), Mpa≥	40	35	25	35	40	35	25
MPa, 1400 °C x 30min≥	12	8	5	7	12	7	4