Magnesia alumina spinel brick

- MgO 70-80%
- Al_2O_3 8-20%
- Bulk Density 2.85-3.15g/cm³
- Cold crushing strength ⩾ 40MPa

Application:

Chrome free and eco friendly, dense structure. Erosion resistant, thermal shock resistant, low thermal conductivity. Used in regenerators of glass melting furnaces, key parts of cement rotary kilns, steel ladles, etc.

Technical Data:

Project	MLJ - 80	MLJ - 75	MLJ - 70
ω(MgO)/% ⩾	80	75	70
ω(A_2O_3)/%	8 – 20	8 – 20	8 – 20
Apparent Porosity /% ⩽	17	19	20
Bulk Density /(g/cm³)	2.85 – 3.15	2.85 – 3.15	2.85 – 3.10
Compressive Strength at Normal Temperature /MPa ⩾	40	40	40
Initial Softening Temperature under 0.2 MPa Load / °C ⩾	1700	1650	1600
Thermal-shock Resistance (1100 °C, water-cooled) / times ⩾	10	10	8