



## FUSED MAGNESIA-ALUMINA SPINEL |

### CHEMICAL COMPOSITION

Chemical Composition	MA-72	MA-75	MA-78	MA-85
Al <sub>2</sub> O <sub>3</sub> %≥	70 - 74	74 - 77	77 - 82	82 - 87
MgO%≤	24 - 28	21 - 24	16 - 21	11-16
SiO <sub>2</sub> % ≤	0.4	0.4	0.4	0.4
Fe <sub>2</sub> O <sub>3</sub> %≤	0.25	0.25	0.25	0.25
Apparent porosity %≤	5	3	3	3
Bulk density g/cm <sup>3</sup> ≥	3.3	3.3	3.3	3.3

### APPLICATION

- Fused alumina magnesia spinel is widely used in industries like iron and steel, cement, industrial kiln and other industries.
- It is mainly used to produce high-grade alumina magnesia brick, high-performance alumina magnesia castable, sliding nozzle, ladle lining brick, continuous casting sliding plate, nozzle brick and furnace top brick.
- It can improve the thermal shock resistance of the material and has good spalling resistance. It is an ideal raw material to replace magnesium chromium refractory.
- It can be used in refractory products, prefabricated parts and unshaped refractory materials to effectively improve slag resistance and thermal shock resistance.