

Zircon mullite refractory brick



- $\text{ZrO}_2 \geq 6\%$
- $\text{Al}_2\text{O}_3 \geq 48\%$
- Bulk density $\geq 2.8 \text{ g/cm}^3$
- Cold crushing strength $\geq 80\text{MPa}$

Application:

Zircon mullite brick: High temperature resistant, erosion resistant, good toughness and thermal shock resistance. Used for breast walls of glass melting furnaces, etc., and high - temperature kilns in metallurgy, ceramics and chemical industry.

Technical Data:

Index Items	ZM - 6	ZM - 12	ZM - 20	ZM - 30
ZrO_2 /%	≥ 6	≥ 12	≥ 20	≥ 30
Al_2O_3 /%	≥ 65	≥ 60	≥ 58	≥ 48
Fe_2O_3 /%	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2
Bulk Density / g/cm^3	≥ 2.8	≥ 2.9	≥ 3.1	≥ 3.3
Apparent Porosity /%	≤ 17	≤ 17	≤ 17	≤ 17
Compressive Strength at Normal Temperature /MPa	≥ 80	≥ 80	≥ 80	≥ 80
Softening Temperature under Load 0.2MPa, T0.6 / $^{\circ}\text{C}$	≥ 1680	≥ 1680	≥ 1680	≥ 1680