

Zircon refractory brick



- $\text{ZrO}_2 \geq 65\%$
- Bulk density $\geq 3.75\text{g/cm}^3$
- Cold crushing strength $\geq 80\text{MPa}$
- Load - softening temperature at 0.2MPa , $T_{0.6} \geq 1650^\circ\text{C}$

Application:

Erosion resistant, thermal shock resistant, low thermal expansion coefficient. Used in flame spaces of glass kilns, etc., linings of metallurgical ladles, etc., as well as high temperature kilns in ceramics and enamel industries.

Technical Data:

Index Items	A Aggregate - type	B Ordinary - type
ZrO_2 /%	≥ 65	≥ 65
SiO_2 /%	≤ 33	≤ 33
Fe_2O_3 /%	≤ 0.2	≤ 0.2
Bulk Density / g/cm^3	≥ 3.80	≥ 3.75
Apparent Porosity /%	≤ 17	≤ 17
Compressive Strength at Normal Temperature /MPa	≥ 100	≥ 80
Softening Temperature under Load 0.2MPa , $T_{0.6}$ / $^\circ\text{C}$	≥ 1680	≥ 1650