

Sintered AZS brick



- $\text{Al}_2\text{O}_3 \geq 48\%$
- $\text{ZrO}_2 \geq 30\%$
- Bulk density $\geq 3.2 \text{ g/cm}^3$
- Cold crushing strength $\geq 90\text{MPa}$

Application:

High density, low porosity, high refractoriness, thermal shock resistant. Used for bottom paving of melting and cooling parts of glass furnaces, ports, checkerwork of regenerators, and nose areas of L shaped suspended walls.

Technical Data:

Index Items	Sintered AZS Bricks
Al_2O_3 /%	≥ 48
ZrO_2 /%	≥ 30
Fe_2O_3 /%	≤ 0.5
Bulk Density / g/cm^3	≥ 3.2
Apparent Porosity /%	≤ 17
Compressive Strength at Normal Temperature /MPa	≥ 90
Softening Temperature under Load 0.2MPa, T0.6 / $^{\circ}\text{C}$	≥ 1620