

Low porosity clay brick



- $\text{Al}_2\text{O}_3 \geq 45\%$
- Apparent porosity $\leq 15\%$
- Cold crushing strength $\geq 50\text{MPa}$
- Load - softening temperature at 0.2MPa , $T_{0.6} \geq 1450^\circ\text{C}$

Application:

Low porosity, dense and firm structure, good thermal stability, erosion resistant. Used in glass melting furnaces, metallurgical linings, cement kiln pre heaters, chemical reactors, heat exchange equipment, power boiler linings.

Technical Data:

Index Items	DN - 12	DN - 15
Al_2O_3 /%	≥ 45	≥ 45
Fe_2O_3 /%	≤ 1.2	≤ 1.5
Apparent Porosity /%	≤ 12	≤ 15
Compressive Strength at Normal Temperature /MPa	≥ 60	≥ 50
Softening Temperature under Load 0.2MPa , $T_{0.6}$ / $^\circ\text{C}$	≥ 1470	≥ 1450