

Clay insulating brick



- Bulk density 0.6-1.3 g/cm³
- Thermal conductivity $\leq 0.55\text{W}/(\text{m}\cdot\text{K})$
- High - temperature compressive strength $\geq 1.5\text{MPa}$
- Permanent linear change on heating -2~1%

Application:

Good heat insulation, strong resistance to acidic slag erosion. Used for insulation layers of kiln linings in steel and other industries, as well as for insulation of thermal pipelines and building walls.

Technical Data:

Index Items		ZKNG135 - 1.3	ZKNG135 - 1.0	ZKNG125 - 0.8	ZKNG120 - 0.6
Bulk Density /g/cm ³ \leq		1.3	1.0	0.8	0.6
High-temperature Compressive Strength /MPa \geq		8	4	3	1.5
Permanent Linear Change after Heating /%	Test Temperature T / °C	1350 °C × 12h	1300 °C × 12h	1250 °C × 12h	1200 °C × 12h
	Xmin ~ Xmax	-2 ~ +1	-2 ~ +1	-2 ~ +1	-2 ~ +1
Thermal Conductivity /W/(m·K) at an Average Temperature of 350 ± 25 °C		0.55	0.40	0.35	0.25