

Phosphate high alumina brick



- Al_2O_3 75-77%
- Cold compressive strength $\geq 60\text{MPa}$
- Bulk density $\geq 2.650\text{g/cm}^3$
- Load - softening temperature $\geq 1250^\circ\text{C}$

Application:

Thermal stable, wear resistant, spalling resistant, high compressive strength at room temperature. Used in high temperature parts of cement rotary kilns, phosphorus chemical industry kilns and other industries.

Technical Data:

Project			Index			
			P		PA	
			First-class product	Qualified product	First-class product	Qualified product
Chemical composition, %	Al_2O_3	\geq	75		77	
	Fe_2O_3	\leq	3.2		3.2	
	CaO	\leq	0.6		0.6	
Cold compressive strength, MPa		\geq	70	60	75	65
Bulk density, g/cm^3		\geq	2.7	2.65	2.75	2.7
Load-softening temperature, $T/^\circ\text{C}$		\geq	1350	1300	1300	1250
Refractoriness, $^\circ\text{C}$		\geq	1780			