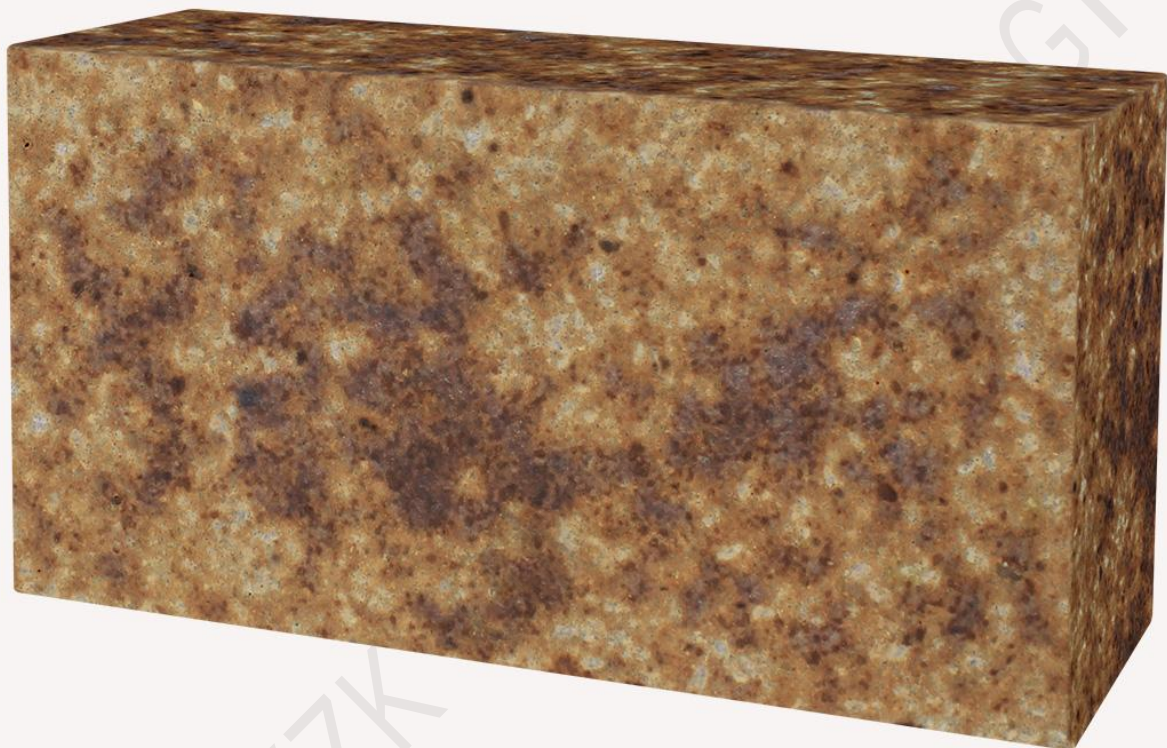


Silicon mullite brick



- $\text{Al}_2\text{O}_3 \geq 60\%$
- Bulk density $\geq 2.55 \text{ g/cm}^3$
- Cold crushing strength $\geq 85\text{MPa}$
- Load - softening temperature at 0.2MPa , $T_{0.6} \geq 1600^\circ\text{C}$

Application:

High thermal conductivity, high compressive strength, wear resistant, erosion resistant, stable in thermal shock. Used in steel blast furnaces, troughs, non ferrous metal smelting furnaces, chemical high temperature reaction furnaces.

Technical Data:

Item		Indictors		
		GM1650	GM1600	GM1550
$\omega(\text{Al}_2\text{O}_3)/\%$	$\geq$	65	63	60
Bulk density/(g/cm^3)	$\geq$	2.65	2.60	2.55
Porosity/%	$\leq$	17	17	19
Pressure strength/MPa	$\geq$	85	90	90
Load softening temperature $T_{0.6}/^\circ\text{C}$	$\geq$	1650	1600	1550
Thermal shock stability(1100°C water cooling)/time	$\geq$	10	10	12
Normal temperature abrasion resistance/ cm^3	$\geq$	5	5	5