Silicon Carbide Brick



Good Thermal Shock Stability

High Working Temperature

Great Wear Resistance

Low Thermal Expansion Coefficient

Application:

Silicon carbide brick is mainly used for making non-ferrous metallurgical retorts, aluminum casting molds, electric furnace linings, aluminum electrolytic cell linings, ceramic kiln furniture and heat exchangers, etc.

Technical Data:

Item/Grade		Index	
SiC, %	≥	85	90
Fe_2O_3, %	≤	0.5	0.6
Apparent Porosity, %	≤	16	17
0.2MPa Refractoriness Under Load, °C	≥	1750	1650
Bulk Density, g/cm³	≥	2.6	2.6
Cold Crushing Strength, MPa	≥	80	100
Modulus of Rupture, MPa	≥	40	40