

Rongsheng Graphite Block Physical and Chemical Index Tables

1. Physical Properties of Graphite Block

Item		Specification		
		SKG-1	SKG-2	SKG-3
Bulk Density g/cm^3		≥ 1.68	≥ 1.63	≥ 1.55
Apparent Porosity %		≤ 20	≤ 25	≤ 28
CCS, MPa		≥ 28	≥ 25	≥ 18
CMOR, MPa		≥ 9	≥ 7	≥ 5
Fixed Carbon %		≥ 99.5	≥ 99	≥ 99
Ash %		≤ 0.5	≤ 0.5	≤ 0.5
Alkali Resistance		U/LC	U/LC	U/LC
Thermal Conductivity $\text{W}/(\text{m}\cdot\text{K})$	Temperature	≥ 100	≥ 80	≥ 60
	200℃	≥ 80	≥ 60	≥ 40