



Physicochemical indicators

I. Physical Data:

Bulk Density

2.21–2.25 g/cm³

Apparent porosity

9-12%

Modulus of Rupture

8-12 MPa

Thermal Expansion Coefficient

3.0-4.5 (10⁻⁶ K⁻¹)

Resistivity Special Electrical Resistance

3.5-4.5*10⁻³ Ω·CM (24 °C)

3.0 - 4.0 * 10⁻³ Ω·CM (800 °C)

Thermal conductivity

140-150 W/(m*K) (25 °C)

40-50 W/(m*K) (800 °C)

II. Chemical Analysis:

C (free C) 37-42%

SiC (silicon carbide) 35-40%

Thank you for contacting us!

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