

OGB-E

Large-block vibrated grade for crucibles and electrodes where bulk cost-efficiency matters most.

Full Verified Technical Data

Property	Value
Bulk Density	1.68-1.74 g/cm ³
Resistivity	4.8-5.8 micro-ohm.m
Thermal Conductivity	115 W/m.k
Coefficient of Thermal Expansion	1.1-1.4 x10 ⁻⁶ /C
Shore Hardness (HSD)	25
Flexural Strength	10-14 MPa
Compressive Strength	38 MPa
Modulus of Elasticity	9-13 GPa
Ash Content	4000 ppm
Average Grain Size	2-4 mm
Recommended Application	Crucible / Anode / Electrode

Notes: Filler ratios, impregnation formulations, and dimensional tolerances are confirmed by a named engineer prior to production and are not disclosed in this datasheet. This document reflects Oriental Graphicalcarb Manufactory's published specification for this grade.