

OMGB-B

Higher-density molded grade for sintering applications demanding greater compressive strength.

Full Verified Technical Data

Property	Value
Bulk Density	1.85 g/cm ³
Resistivity	8-10 micro-ohm.m
Thermal Conductivity	139.2 W/m.k
Coefficient of Thermal Expansion	4.75 x10 ⁻⁶ /C
Shore Hardness (HSD)	48
Flexural Strength	46 MPa
Compressive Strength	85 MPa
Modulus of Elasticity	11.8 GPa
Ash Content	500 ppm
Average Grain Size	22 micron
Recommended Application	Sintering / All kinds of Machining

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 Graphical Carb Manufactory's published specification for this grade.