

OMGB-A

Entry-level molded grade for sintering molds and general precision machining.

Full Verified Technical Data

Property	Value
Bulk Density	1.80 g/cm ³
Resistivity	8-11 micro-ohm.m
Thermal Conductivity	121.1 W/m.k
Coefficient of Thermal Expansion	5.46 x10 ⁻⁶ /C
Shore Hardness (HSD)	42
Flexural Strength	38 MPa
Compressive Strength	65 MPa
Modulus of Elasticity	9 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.