

OCHD-E2

Highest compressive strength in the isostatic range -- suited to demanding EDM and sintering tooling.

Full Verified Technical Data

Property	Value
Bulk Density	1.85 g/cm ³
Resistivity	11.5 micro-ohm.m
Thermal Conductivity	85 W/m.k
Coefficient of Thermal Expansion	5.85 x10 ⁻⁶ /C
Shore Hardness (HSD)	70
Flexural Strength	60 MPa
Compressive Strength	135 MPa
Modulus of Elasticity	12 GPa
Ash Content	500 ppm
Average Grain Size	12 micron
Recommended Application	EDM / 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 Graphicarb Manufactory's published specification for this grade.