

OCHD-E1

The flagship isostatic grade for EDM electrodes and heat-exchanger components requiring fine surface finish.

Full Verified Technical Data

Property	Value
Bulk Density	1.87 g/cm ³
Resistivity	12.5 micro-ohm.m
Thermal Conductivity	85 W/m.k
Coefficient of Thermal Expansion	5.6 x10-6/C
Shore Hardness (HSD)	65
Flexural Strength	51 MPa
Compressive Strength	115 MPa
Modulus of Elasticity	11 GPa
Ash Content	500 ppm
Average Grain Size	10 micron
Recommended Application	EDM / Heat Exchanger / 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 Graphicalcarb Manufactory's published specification for this grade.