

OCHD-E3

Highest thermal conductivity in the range, specified for continuous casting dies needing rapid, even heat transfer.

Full Verified Technical Data

Property	Value
Bulk Density	1.85 g/cm ³
Resistivity	8.5 micro-ohm.m
Thermal Conductivity	140 W/m.k
Coefficient of Thermal Expansion	5.1 x10-6/C
Shore Hardness (HSD)	53
Flexural Strength	95 MPa
Compressive Strength	12 MPa
Modulus of Elasticity	11 GPa
Ash Content	500 ppm
Average Grain Size	10 micron
Recommended Application	Continuous Casting Dies

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.