

OGB-N

Highest modulus of elasticity in the vibrated range -- specified for seals and special-duty components.

Full Verified Technical Data

Property	Value
Bulk Density	1.77-1.82 g/cm ³
Resistivity	3.8-4.5 micro-ohm.m
Thermal Conductivity	110 W/m.k
Coefficient of Thermal Expansion	0.9-1.2 x10 ⁻⁶ /C
Shore Hardness (HSD)	35
Flexural Strength	20-26 MPa
Compressive Strength	44 MPa
Modulus of Elasticity	15-18 GPa
Ash Content	4000 ppm
Average Grain Size	0.8-1.0 mm
Recommended Application	Seals / Special Applications

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.